THERAPEUTIC AGENTS USEFUL FOR TREATING PAIN

This application claims the benefit of U.S. Provisional application no. 60/477,744, filed June 12, 2003, the disclosure of which is incorporated by reference herein in its entirety.

1. FIELD OF THE INVENTION

The present invention relates to Cyclo(hetero)alkenyl Compounds, compositions comprising an effective amount of a Cyclo(hetero)alkenyl Compound and methods for treating or preventing a condition such as pain comprising administering to an animal in need thereof an effective amount of a Cyclo(hetero)alkenyl Compound.

2. BACKGROUND OF THE INVENTION

Pain is the most common symptom for which patients seek medical advice and treatment. Pain can be acute or chronic. While acute pain is usually self-limited, chronic pain persists for 3 months or longer and can lead to significant changes in a patient's personality, lifestyle, functional ability and overall quality of life (K.M. Foley, *Pain, in Cecil Textbook of Medicine* 100-107 (J.C. Bennett and F. Plum eds., 20th ed. 1996)).

Moreover, chronic pain can be classified as either nociceptive or neuropathic. Nociceptive pain includes tissue injury-induced pain and inflammatory pain such as that associated with arthritis. Neuropathic pain is caused by damage to the peripheral or cental nervous system and is maintained by aberrant somatosensory processing. There is a large body of evidence relating activity at both Group I metabotropic glutamate receptors (mGluR1 and mGluR5) (M.E. Fundytus, *CNS Drugs* 15:29-58 (2001)) and vanilloid receptors (VR1) (V. Di Marzo *et al.*, *Current Opinion in Neurobiology* 12:372-379 (2002)) to pain processing. Inhibiting mGluR1 or mGluR5 reduces pain, as shown by *in vivo* treatment with antibodies selective for either mGluR1 or mGluR5, where neuropathic pain in rats was attenuated (M.E. Fundytus *et al.*, *NeuroReport* 9:731-735 (1998)). It has also been shown that antisense oligonucleotide knockdown of mGluR1 alleviates both neuropathic and inflammatory pain (M.E. Fundytus *et al.*, *Brit. J. Pharmacol.* 132:354-367 (2001); M.E. Fundytus *et al.*, *Pharmacol., Biochem. & Behavior* 73:401-410 (2002)). Small molecule antagonists for mGluR5-attenuated pain in

in vivo animal models are disclosed in, *e.g.*, K. Walker *et al.*, *Neuropharmacol.* 40:1-9 (2000) and A. Dogrul *et al.*, *Neurosci. Let.* 292:115-118 (2000)).

Nociceptive pain has been traditionally managed by administering non-opioid analgesics, such as acetylsalicylic acid, choline magnesium trisalicylate, acetaminophen, ibuprofen, fenoprofen, diflusinal, and naproxen; or opioid analgesics, including morphine, hydromorphone, methadone, levorphanol, fentanyl, oxycodone, and oxymorphone. *Id.* In addition to the above-listed treatments, neuropathic pain, which can be difficult to treat, has also been treated with anti-epileptics (*e.g.*, gabapentin, carbamazepine, valproic acid, topiramate, phenytoin), NMDA antagonists (*e.g.*, ketamine, dextromethorphan), topical lidocaine (for post-herpetic neuralgia), and tricyclic antidepressants (*e.g.*, fluoxetine, sertraline and amitriptyline).

UI is uncontrollable urination, generally caused by bladder-detrusor-muscle instability. UI affects people of all ages and levels of physical health, both in health care settings and in the community at large. Physiologic bladder contraction results in large part from acetylcholine-induced stimulation of post-ganglionic muscarinic-receptor sites on bladder smooth muscle. Treatments for UI include the administration of drugs having bladder-relaxant properties, which help to control bladder-detrusor-muscle overactivity. For example, anticholinergics such as propantheline bromide and glycopyrrolate, and combinations of smooth-muscle relaxants such as a combination of racemic oxybutynin and dicyclomine or an anticholinergic, have been used to treat UI (*See, e.g.*, A.J. Wein, *Urol. Clin. N. Am.* 22:557-577 (1995); Levin *et al.*, *J. Urol.* 128:396-398 (1982); Cooke *et al.*, *S. Afr. Med. J.* 63:3 (1983); R.K. Mirakhur *et al.*, *Anaesthesia* 38:1195-1204 (1983)). These drugs are not effective, however, in all patients having uninhibited bladder contractions.

None of the existing commercial drug treatments for UI has achieved complete success in all classes of UI patients, nor has treatment occurred without significant adverse side effects. For example, drowsiness, dry mouth, constipation, blurred vision, headaches, tachycardia, and cardiac arrhythmia, which are related to the anticholinergic activity of traditional anti-UI drugs, can occur frequently and adversely affect patient compliance. Yet despite the prevalence of unwanted anticholinergic effects in many patients, anticholinergic drugs are currently prescribed for patients having UI. *The Merck Manual of Medical Information* 631-634 (R. Berkow ed., 1997).

Ulcers are sores occurring where the lining of the digestive tract has been eroded by stomach acids or digestive juices. The sores are typically well-defined round or oval lesions primarily occurring in the stomach and duodenum. About 1 in 10 people develop an ulcer. Ulcers develop as a result of an imbalance between acid-secretory factors, also known as "aggressive factors," such as stomach acid, pepsin, and *Helicobacter pylori* infection, and local mucosal-protective factors, such as secretion of bicarbonate, mucus, and prostaglandins.

Treatment of ulcers typically involves reducing or inhibiting the aggressive factors. For example, antacids such as aluminum hydroxide, magnesium hydroxide, sodium bicarbonate, and calcium bicarbonate can be used to neutralize stomach acids. Antacids, however, can cause alkalosis, leading to nausea, headache, and weakness. Antacids can also interfere with the absorption of other drugs into the blood stream and cause diarrhea.

H_2 antagonists, such as cimetidine, ranitidine, famotidine, and nizatidine, are also used to treat ulcers. H_2 antagonists promote ulcer healing by reducing gastric acid and digestive-enzyme secretion elicited by histamine and other H_2 agonists in the stomach and duodenum. H_2 antagonists, however, can cause breast enlargement and impotence in men, mental changes (especially in the elderly), headache, dizziness, nausea, myalgia, diarrhea, rash, and fever.

H^+, K^+ - ATPase inhibitors such as omeprazole and lansoprazole are also used to treat ulcers. H^+, K^+ - ATPase inhibitors inhibit the production of enzymes used by the stomach to secrete acid. Side effects associated with H^+, K^+ - ATPase inhibitors include nausea, diarrhea, abdominal colic, headache, dizziness, somnolence, skin rashes, and transient elevations of plasma activities of aminotransferases.

Sucraflate is also used to treat ulcers. Sucraflate adheres to epithelial cells and is believed to form a protective coating at the base of an ulcer to promote healing. Sucraflate, however, can cause constipation, dry mouth, and interfere with the absorption of other drugs.

Antibiotics are used when *Helicobacter pylori* is the underlying cause of the ulcer. Often antibiotic therapy is coupled with the administration of bismuth compounds such as bismuth subsalicylate and colloidal bismuth citrate. The bismuth compounds are believed

to enhance secretion of mucous and HCO_3^-, inhibit pepsin activity, and act as an antibacterial against *H. pylori*. Ingestion of bismuth compounds, however, can lead to elevated plasma concentrations of Bi^{+3} and can interfere with the absorption of other drugs.

Prostaglandin analogues, such as misoprostal, inhibit secretion of acid and stimulate the secretion of mucous and bicarbonate and are also used to treat ulcers, especially ulcers in patients who require nonsteroidal anti-inflammatory drugs. Effective oral doses of prostaglandin analogues, however, can cause diarrhea and abdominal cramping. In addition, some prostaglandin analogues are abortifacients.

Carbenoxolone, a mineral corticoid, can also be used to treat ulcers. Carbenoxolone appears to alter the composition and quantity of mucous, thereby enhancing the mucosal barrier. Carbenoxolone, however, can lead to Na^+ and fluid retention, hypertension, hypokalemia, and impaired glucose tolerance.

Muscarinic cholinergic antagonists such as pirenzapine and telenzapine can also be used to reduce acid secretion and treat ulcers. Side effects of muscarinic cholinergic antagonists include dry mouth, blurred vision, and constipation. *The Merck Manual of Medical Information* 496-500 (R. Berkow ed., 1997) and *Goodman and Gilman's The Pharmacological Basis of Therapeutics* 901-915 (J. Hardman and L. Limbird eds., 9th ed. 1996).

Inflammatory-bowel disease ("IBD") is a chronic disorder in which the bowel becomes inflamed, often causing recurring abdominal cramps and diarrhea. The two types of IBD are Crohn's disease and ulcerative colitis.

Crohn's disease, which can include regional enteritis, granulomatous ileitis, and ileocolitis, is a chronic inflammation of the intestinal wall. Crohn's disease occurs equally in both sexes and is more common in Jews of eastern-European ancestry. Most cases of Crohn's disease begin before age 30 and the majority start between the ages of 14 and 24. The disease typically affects the full thickness of the intestinal wall. Generally the disease affects the lowest portion of the small intestine (ileum) and the large intestine, but can occur in any part of the digestive tract.

Early symptoms of Crohn's disease are chronic diarrhea, crampy abdominal pain, fever, loss of appetite, and weight loss. Complications associated with Crohn's disease

include the development of intestinal obstructions, abnormal connecting channels (fistulas), and abscesses. The risk of cancer of the large intestine is increased in people who have Crohn's disease. Often Crohn's disease is associated with other disorders such as gallstones, inadequate absorption of nutrients, amyloidosis, arthritis, episcleritis, aphthous stomatitis, erythema nodosum, pyoderma gangrenosum, ankylosing spondylitis, sacroilitis, uveitis, and primary sclerosing cholangitis. There is no known cure for Crohn's disease.

Cramps and diarrhea, side effects associated with Crohn's disease, can be relieved by anticholinergic drugs, diphenoxylate, loperamide, deodorized opium tincture, or codeine. Generally, the drug is taken orally before a meal.

Broad-spectrum antibiotics are often administered to treat the symptoms of Crohn's disease. The antibiotic metronidazole is often administered when the disease affects the large intestine or causes abscesses and fistulas around the anus. Long-term use of metronidazole, however, can damage nerves, resulting in pins-and-needles sensations in the arms and legs. Sulfasalazine and chemically related drugs can suppress mild inflammation, especially in the large intestine. These drugs, however, are less effective in sudden, severe flare-ups. Corticosteroids, such as prednisone, reduce fever and diarrhea and relieve abdominal pain and tenderness. Long-term corticosteroid therapy, however, invariably results in serious side effects such as high blood-sugar levels, increased risk of infection, osteoporosis, water retention, and fragility of the skin. Drugs such as azathioprine and mercaptourine can compromise the immune system and are often effective for Crohn's disease in patients that do not respond to other drugs. These drugs, however, usually need 3 to 6 months before they produce benefits and can cause serious side effects such as allergy, pancreatitis, and low white-blood-cell count.

When Crohn's disease causes the intestine to be obstructed or when abscesses or fistulas do not heal, surgery can be necessary to remove diseased sections of the intestine. Surgery, however, does not cure the disease, and inflammation tends to recur where the intestine is rejoined. In almost half of the cases a second operation is needed. *The Merck Manual of Medical Information* 528-530 (R. Berkow ed., 1997).

Ulcerative colitis is a chronic disease in which the large intestine becomes inflamed and ulcerated, leading to episodes of bloody diarrhea, abdominal cramps, and fever. Ulcerative colitis usually begins between ages 15 and 30; however, a small group

of people have their first attack between ages 50 and 70. Unlike Crohn's disease, ulcerative colitis never affects the small intestine and does not affect the full thickness of the intestine. The disease usually begins in the rectum and the sigmoid colon and eventually spreads partially or completely throughout the large intestine. The cause of ulcerative colitis is unknown.

Treatment of ulcerative colitis is directed to controlling inflammation, reducing symptoms, and replacing lost fluids and nutrients. Anticholinergic drugs and low doses of diphenoxylate or loperamide are administered for treating mild diarrhea. For more intense diarrhea higher doses of diphenoxylate or loperamide, or deodorized opium tincture or codeine are administered. Sulfasalazine, olsalazine, prednisone, or mesalamine can be used to reduce inflammation. Azathioprine and mercaptopurine have been used to maintain remissions in ulcerative-colitis patients who would otherwise need long-term corticosteroid treatment. In severe cases of ulcerative colitis the patient is hospitalized and given corticosteroids intravenously. People with severe rectal bleeding can require transfusions and intravenous fluids. If toxic colitis develops and treatments fail, surgery to remove the large intestine can be necessary. Non-emergency surgery can be performed if cancer is diagnosed, precancerous lesions are detected, or unremitting chronic disease would otherwise make the person an invalid or dependent on high doses of corticosteroids. Complete removal of the large intestine and rectum permanently cures ulcerative colitis. *The Merck Manual of Medical Information* 530-532 (R. Berkow ed., 1997) and *Goodman and Gilman's The Pharmacological Basis of Therapeutics* (J. Hardman and L. Limbird eds., 9th ed. 1996).

Irritable-bowel syndrome ("IBS") is a disorder of motility of the entire gastrointestinal tract, causing abdominal pain, constipation, and/or diarrhea. IBS affects three-times more women than men. In IBS stimuli such as stress, diet, drugs, hormones, or irritants can cause the gastrointestinal tract to contract abnormally. During an episode of IBS, contractions of the gastrointestinal tract become stronger and more frequent, resulting in the rapid transit of food and feces through the small intestine, often leading to diarrhea. Cramps result from the strong contractions of the large intestine and increased sensitivity of pain receptors in the large intestine.

There are two major types of IBS. The first type, spastic-colon type, is commonly triggered by eating, and usually produces periodic constipation and diarrhea with pain.

Mucous often appears in the stool. The pain can come in bouts of continuous dull aching pain or cramps, usually in the lower abdomen. The person suffering from spastic-colon type IBS can also experience bloating, gas, nausea, headache, fatigue, depression, anxiety, and difficulty concentrating. The second type of IBS usually produces painless diarrhea or constipation. The diarrhea can begin suddenly and with extreme urgency. Often the diarrhea occurs soon after a meal and can sometimes occur immediately upon awakening.

Treatment of IBS typically involves modification of an IBS-patient's diet. Often it is recommended that an IBS patient avoid beans, cabbage, sorbitol, and fructose. A low-fat, high-fiber diet can also help some IBS patients. Regular physical activity can also help keep the gastrointestinal tract functioning properly. Drugs such as propantheline that slow the function of the gastrointestinal tract are generally not effective for treating IBS. Antidiarrheal drugs, such as diphenoxylate and loperamide, help with diarrhea. *The Merck Manual of Medical Information* 525-526 (R. Berkow ed., 1997).

Certain pharmaceutical agents have been administered for treating addiction. U.S. Patent No. 5,556,838 to Mayer *et al.* discloses the use of nontoxic NMDA-blocking agents co-administered with an addictive substance to prevent the development of tolerance or withdrawal symptoms. U.S. Patent No. 5,574,052 to Rose *et al.* discloses co-administration of an addictive substance with an antagonist to partially block the pharmacological effects of the addictive substance. U.S. Patent No. 5,075,341 to Mendelson *et al.* discloses the use of a mixed opiate agonist/antagonist to treat cocaine and opiate addiction. U.S. Patent No. 5,232,934 to Downs discloses administration of 3-phenoxypyridine to treat addiction. U.S. Patents No. 5,039,680 and 5,198,459 to Imperato *et al.* disclose using a serotonin antagonist to treat chemical addiction. U.S. Patent No. 5,556,837 to Nestler et. al. discloses infusing BDNF or NT-4 growth factors to inhibit or reverse neurological adaptive changes that correlate with behavioral changes in an addicted individual. U.S. Patent. No. 5,762,925 to Sagan discloses implanting encapsulated adrenal medullary cells into an animal's central nervous system to inhibit the development of opioid tolerance. U.S. Patent No. 6,204,284 to Beer *et al.* discloses racemic (±)-1-(3,4-dichlorophenyl)-3-azabicyclo[3.1.0]hexane for use in the prevention or relief of a withdrawal syndrome resulting from addiction to drugs and for the treatment of chemical dependencies.

Without treatment, Parkinson's disease progresses to a rigid akinetic state in which patients are incapable of caring for themselves. Death frequently results from complications of immobility, including aspiration pneumonia or pulmonary embolism. Drugs commonly used for the treatment of Parkinson's disease include carbidopa/levodopa, pergolide, bromocriptine, selegiline, amantadine, and trihexyphenidyl hydrochloride. There remains, however, a need for drugs useful for the treatment of Parkinson's disease and having an improved therapeutic profile.

Currently, benzodiazepines are the most commonly used anti-anxiety agents for generalized anxiety disorder. Benzodiazepines, however, carry the risk of producing impairment of cognition and skilled motor functions, particularly in the elderly, which can result in confusion, delerium, and falls with fractures. Sedatives are also commonly prescribed for treating anxiety. The azapirones, such as buspirone, are also used to treat moderate anxiety. The azapirones, however, are less useful for treating severe anxiety accompanied with panic attacks.

Examples of drugs for treating a seizure and epilepsy include carbamazepine, ethosuximide, gabapentin, lamotrigine, phenobarbital, phenytoin, primidone, valproic acid, trimethadione, benzodiazepines, γ-vinyl GABA, acetazolamide, and felbamate. Anti-seizure drugs, however, can have side effects such as drowsiness; hyperactivity; hallucinations; inability to concentrate; central and peripheral nervous system toxicity, such as nystagmus, ataxia, diplopia, and vertigo; gingival hyperplasia; gastrointestinal disturbances such as nausea, vomiting, epigastric pain, and anorexia; endocrine effects such as inhibition of antidiuretic hormone, hyperglycemia, glycosuria, osteomalacia; and hypersensitivity such as scarlatiniform rash, morbilliform rash, Stevens-Johnson syndrome, systemic lupus erythematosus, and hepatic necrosis; and hematological reactions such as red-cell aplasia, agranulocytosis, thrombocytopenia, aplastic anemia, and megaloblastic anemia. *The Merck Manual of Medical Information* 345-350 (R. Berkow ed., 1997).

Symptoms of strokes vary depending on what part of the brain is affected. Symptoms include loss or abnormal sensations in an arm or leg or one side of the body, weakness or paralysis of an arm or leg or one side of the body, partial loss of vison or hearing, double vision, dizziness, slurred speech, difficulty in thinking of the appropriate word or saying it, inability to recognize parts of the body, unusual movements, loss of

bladder control, imbalance, and falling, and fainting. The symptoms can be permanent and can be associated with coma or stupor. Examples of drugs for treating strokes include anticoagulants such as heparin, drugs that break up clots such as streptokinase or tissue plasminogen activator, and drugs that reduce swelling such as mannitol or corticosteroids. *The Merck Manual of Medical Information* 352-355 (R. Berkow ed., 1997).

Pruritus is an unpleasant sensation that prompts scratching. Conventionally, pruritus is treated by phototherapy with ultraviolet B or PUVA or with therapeutic agents such as naltrexone, nalmefene, danazol, tricyclics, and antidepressants.

Selective antagonists of the metabotropic glutamate receptor 5 ("mGluR5") have been shown to exert analgesic activity in *in vivo* animal models (K. Walker *et al.*, *Neuropharmacol.* 40:1-9 (2000) and A. Dogrul *et al.*, *Neurosci. Let.* 292(2):115-118 (2000)).

Selective antagonists of the mGluR5 receptor have also been shown to exert anxiolytic and anti-depressant activity in *in vivo* animal models (E. Tatarczynska *et al.*, *Brit. J. Pharmacol.* 132(7):1423-1430 (2001) and P.J.M. Will *et al.*, *Trends in Pharmacological Sci.* 22(7):331-37 (2001)).

Selective antagonists of the mGluR5 receptor have also been shown to exert anti-Parkinson activity *in vivo* (K. J. Ossowska *et al.*, *Neuropharmacol.* 41(4):413-20 (2001) and P.J.M. Will *et al.*, *Trends in Pharmacological Sci.* 22(7):331-37 (2001)).

Selective antagonists of the mGluR5 receptor have also been shown to exert anti-dependence activity *in vivo* (C. Chiamulera *et al.*, *Nature Neurosci.* 4(9):873-74 (2001)).

U.S. published patent application no. US 2002/0091116 to Zhu *et al.* describes a class of compounds useful as selective inhibitors of isolated factor Xa or useful when assembled in the prothrombinase complex.

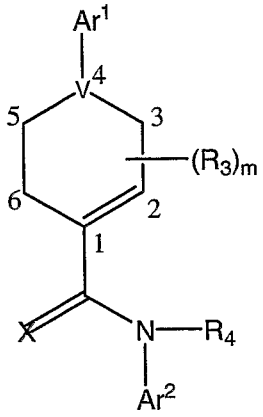
U.S. patent no. 5,474,996 to Caille *et al.* describes a class of pyrimidine derivatives having angiotensin II inhibiting activity.

U.S. patent no. 6,063,930 to Dinsmore *et al.* describes a class of compounds that are useful for inhibiting farnesyl-protein transferase and for the farnesylation of Ras, an oncogene protein.

Citation of any reference in Section 2 of this application is not to be construed as an admission that such reference is prior art to the present application.

3. SUMMARY OF THE INVENTION

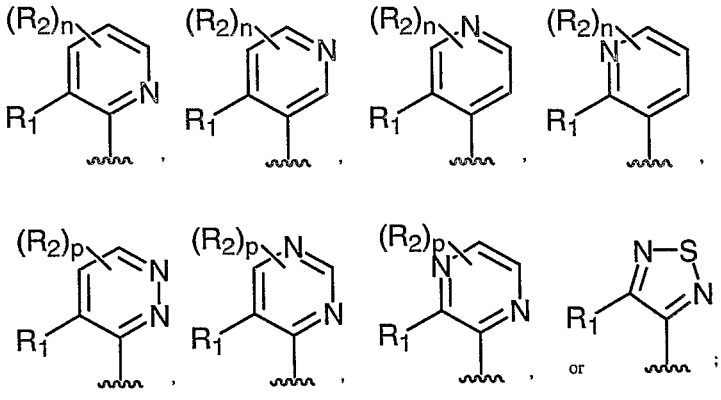
The present invention encompasses compounds of formula:



(I)

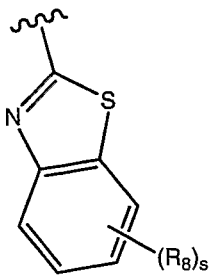
and pharmaceutically acceptable salts thereof, wherein

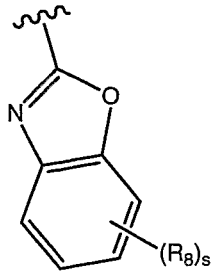
Ar^1 is

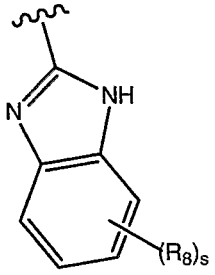


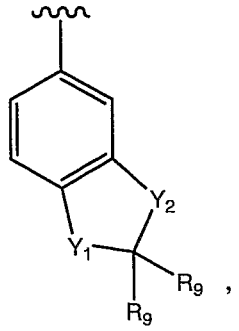
;

Ar^2 is

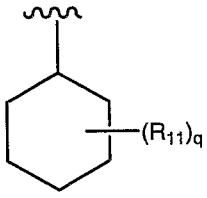


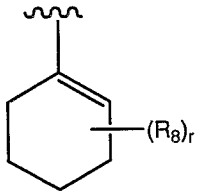
,


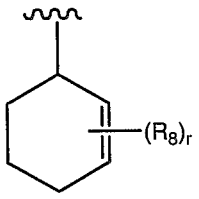
,


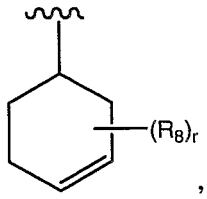
,


,

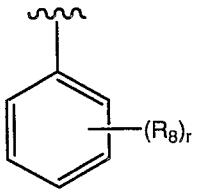


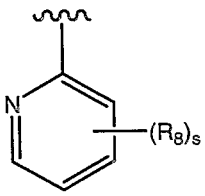
,


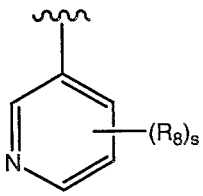
,


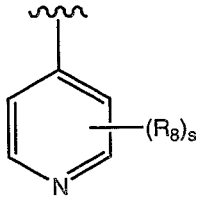
,


,



,


,


or


;

V is N or CH;

X is O or S;

R_1 is -H, -halo, -(C_1-C_4)alkyl, -NO_2, -CN, -OH, -OCH_3, -NH_2, C(halo)$_3$, -CH(halo)$_2$, or -CH_2(halo);

each R_2 is independently:

(a) -halo, -CN, -OH, -NO_2, or -NH_2,

(b) -(C_1-C_{10})alkyl, -(C_2-C_{10})alkenyl, -(C_2-C_{10})alkynyl, -(C_3-C_{10})cycloalkyl, -(C_8-C_{14})bicycloalkyl, -(C_8-C_{14})tricycloalkyl, -(C_5-C_{10})cycloalkenyl, -(C_8-C_{14})bicycloalkenyl, -(C_8-C_{14})tricycloalkenyl, -(3- to 7-membered)heterocycle, or -(7- to 10-membered)bicycloheterocycle, each of which is unsubstituted or substituted with one or more R_5 groups, or

(c) -phenyl, -naphthyl, -(C_{14})aryl or -(5- to 10-membered)heteroaryl, each of which is unsubstituted or substituted with one or more R_6 groups;

each R_3 is independently:

(a) -halo, -CN, -OH, -NO_2, or -NH_2,

(b) -(C_1-C_{10})alkyl, -(C_2-C_{10})alkenyl, -(C_2-C_{10})alkynyl, -(C_3-C_{10})cycloalkyl, -(C_8-C_{14})bicycloalkyl, -(C_8-C_{14})tricycloalkyl, -(C_5-C_{10})cycloalkenyl, -(C_8-C_{14})bicycloalkenyl, -(C_8-C_{14})tricycloalkenyl, -(3- to 7-membered)heterocycle, or -(7- to 10-membered)bicycloheterocycle, each of which is unsubstituted or substituted with one or more R_5 groups, or

(c) -phenyl, -naphthyl, -(C_{14})aryl or -(5- to 10-membered) heteroaryl, each of which is unsubstituted or substituted with one or more R_6 groups;

R_4 is -H or -(C_1-C_6)alkyl;

each R_5 is independently -CN, -OH, -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -halo, -N_3, -NO_2, -$N(R_7)_2$, -CH=NR_7, -NR_7OH, -OR_7, -COR_7, -C(O)OR_7, -OC(O)R_7, -OC(O)OR_7,-SR_7, -S(O)R_7, or -$S(O)_2R_7$;

each R_6 is independently -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3–C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -(3- to 5-membered)heterocycle, -C(halo)$_3$, -CH(halo)$_2$, -CH_2(halo), -CN, -OH, -halo, -N_3, -NO_2, -$N(R_7)_2$, -CH=NR_7, -NR_7OH, -OR_7, -COR_7, -C(O)OR_7, -OC(O)R_7, -OC(O)OR_7, -SR_7, -S(O)R_7, or -$S(O)_2R_7$;

each R_7 is independently -H, -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3–C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -(3- to 5-membered)heterocycle, -C(halo)$_3$, -CH(halo)$_2$, or CH_2(halo);

each R_8 is independently -(C_1–C_{10})alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3-C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -C(halo)$_3$, -CH(halo)$_2$, -CH_2(halo), -CN, -OH, -halo, -N_3, -NO_2, -$N(R_7)_2$, -CH=NR_7, -NR_7OH, -OR_7, -COR_7, -C(O)OR_7, -OC(O)R_7, -OC(O)OR_7, -SR_7, -S(O)R_7, -$S(O)_2R_7$, -R_7OR_7, -R_7COR_7, -R_7C(O)OR_7, -R_7OC(O)R_7, -R_7OC(O)OR_7, -R_7SR_7, -R_7S(O)R_7, -$R_7S(O)_2R_7$, -C(halo)$_2$C(halo)$_3$, -C(halo)$_2$CH(halo)$_2$, -CH(C(halo)$_3$)$_2$, -CH(C(halo)$_3$)(CH_3), -OC(halo)$_2$C(halo)$_3$, -OC(halo)$_2$CH(halo)$_2$, -OCH(C(halo)$_3$)$_2$, -OCH(C(halo)$_3$)(CH_3), -C(OH)(CF_3)$_2$, -(C_1–C_{10})alkyl, or -(3- to 7-membered)heterocycle;

each R_9 is independently -H, -halo, or -(C_1-C_6)alkyl;

each R_{11} is independently -CN, -OH, -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -halo, -N_3, -NO_2, -$N(R_7)_2$, -$CH{=}NR_7$, -NR_7OH, -OR_7, -COR_7, -$C(O)OR_7$, -$OC(O)R_7$, or -$OC(O)OR_7$;

Y_1 and Y_2 are -CH_2- and -CH_2-, -O- and -O-, -NH- and -NH-, -S- and -S-, -CH_2- and -O-, -CH_2- and -NH-, -CH_2- and -S-, -O- and -CH_2-, -NH- and -CH_2-, -S- and -CH_2-, -O- and -NH-, -NH- and -O-, -S- and -NH-, or -NH- and -S- respectively;

each halo is independently -F, -Cl, -Br, or -I;

m is 0 or 1 and when m is 1, R_3 is attached to the 2-, 3-, 5-, or 6-position of the cyclo(hetero)alkenyl ring;

n is an integer ranging from 0 to 3;

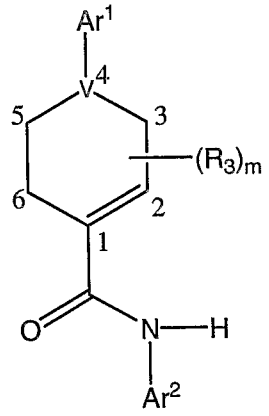
p is an integer ranging from 0 to 2;

q is an integer ranging from 0 to 6;

r is an integer ranging from 0 to 5; and

s is an integer ranging from 0 to 4.

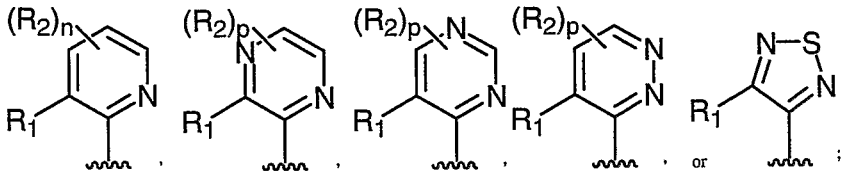
The present invention encompasses compounds of formula:



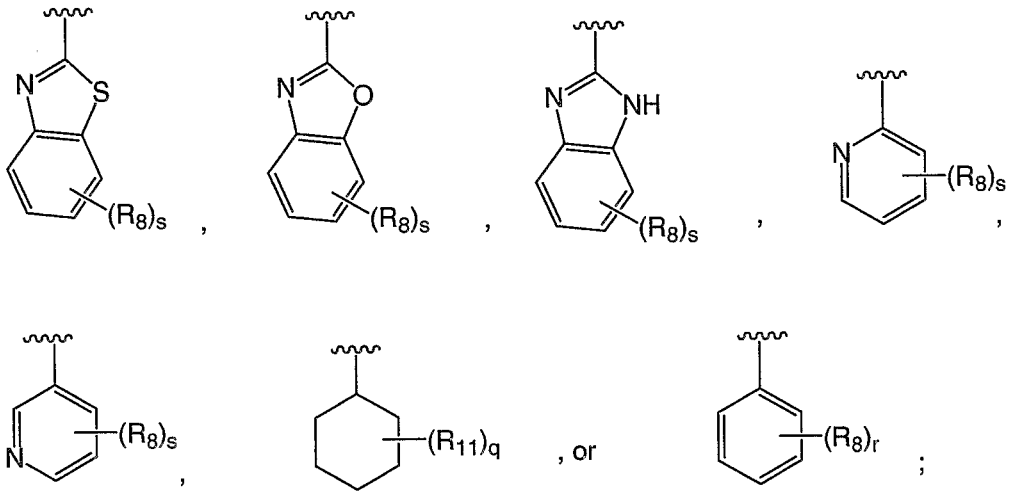
(IA)

and pharmaceutically acceptable salts thereof, wherein

Ar^1 is



Ar^2 is



V is N or CH;

R_1 is -H, -halo, $-CH_3$, $-NO_2$, -CN, -OH, $-OCH_3$, $-NH_2$, $C(halo)_3$, $-CH(halo)_2$, or $-CH_2(halo)$;

each R_2 is independently:

(a) -halo, -CN, -OH, $-NO_2$, or $-NH_2$,

(b) $-(C_1\text{-}C_{10})$alkyl, $-(C_2\text{-}C_{10})$alkenyl, $-(C_2\text{-}C_{10})$alkynyl, $-(C_3\text{-}C_{10})$cycloalkyl, $-(C_8\text{-}C_{14})$bicycloalkyl, $-(C_8\text{-}C_{14})$tricycloalkyl, $-(C_5\text{-}C_{10})$cycloalkenyl, $-(C_8\text{-}C_{14})$bicycloalkenyl, $-(C_8\text{-}C_{14})$tricycloalkenyl, -(3- to 7-membered)heterocycle, or -(7- to 10-membered)bicycloheterocycle, each of which is unsubstituted or substituted with one or more R_5 groups, or

(c) -phenyl, -naphthyl, $-(C_{14})$aryl or -(5- to 10-membered)heteroaryl, each of which is unsubstituted or substituted with one or more R_6 groups;

each R_3 is independently:

(a) -halo, -CN, -OH, $-NO_2$, or $-NH_2$,

(b) -(C_1-C_{10})alkyl, -(C_2-C_{10})alkenyl, -(C_2-C_{10})alkynyl, -(C_3-C_{10})cycloalkyl, -(C_8-C_{14})bicycloalkyl, -(C_8-C_{14})tricycloalkyl, -(C_5-C_{10})cycloalkenyl, -(C_8-C_{14})bicycloalkenyl, -(C_8-C_{14})tricycloalkenyl, -(3- to 7-membered)heterocycle, or -(7- to 10-membered)bicycloheterocycle, each of which is unsubstituted or substituted with one or more R_5 groups, or

(c) -phenyl, -naphthyl, -(C_{14})aryl or -(5- to 10-membered) heteroaryl, each of which is unsubstituted or substituted with one or more R_6 groups;

each R_5 is independently -CN, -OH, -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -halo, -N_3, -NO_2, -$N(R_7)_2$, -$CH{=}NR_7$, -NR_7OH, -OR_7, -COR_7, -$C(O)OR_7$, -$OC(O)R_7$, -$OC(O)OR_7$,-SR_7, -$S(O)R_7$, or -$S(O)_2R_7$;

each R_6 is independently -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3–C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -(3- to 5-membered)heterocycle, -$C(halo)_3$, -$CH(halo)_2$, -$CH_2(halo)$, -CN, -OH, -halo, -N_3, -NO_2, -$N(R_7)_2$, -$CH{=}NR_7$, -NR_7OH, -OR_7, -COR_7, -$C(O)OR_7$, -$OC(O)R_7$, -$OC(O)OR_7$, -SR_7, -$S(O)R_7$, or -$S(O)_2R_7$;

each R_7 is independently -H, -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3–C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -(3- to 5-membered)heterocycle, -$C(halo)_3$, -$CH(halo)_2$, or $CH_2(halo)$;

each R_8 is independently -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3-C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -$C(halo)_3$, -$CH(halo)_2$, -$CH_2(halo)$, -CN, -OH, -halo, -N_3, -NO_2, -$N(R_7)_2$, -$CH{=}NR_7$, -NR_7OH, -OR_7, -COR_7, -$C(O)OR_7$, -$OC(O)R_7$, -$OC(O)OR_7$, -SR_7, -$S(O)R_7$, or -$S(O)_2R_7$;

each R_{11} is independently -CN, -OH, -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -halo, -N_3, -NO_2, -$N(R_7)_2$, -$CH{=}NR_7$, -NR_7OH, -OR_7, -COR_7, -$C(O)OR_7$, -$OC(O)R_7$, or -$OC(O)OR_7$;

each halo is independently -F, -Cl, -Br, or -I;

m is 0 or 1 and when m is 1, R_3 is attached to the 2-, 3-, 5-, or 6-position of the cyclo(hetero)alkenyl ring;

n is an integer ranging from 0 to 3;

p is an integer ranging from 0 to 2;

q is an integer ranging from 0 to 6;

r is an integer ranging from 0 to 5; and

s is an integer ranging from 0 to 4.

A Compound of Formula (I) or (IA) or a pharmaceutically acceptable salt thereof (a "Cyclo(hetero)alkenyl Compound"), is useful for treating or preventing pain, UI, an ulcer, IBD, IBS, an addictive disorder, Parkinson's disease, parkinsonism, anxiety, epilepsy, stroke, a seizure, a pruritic condition, psychosis, a cognitive disorder, a memory deficit, restricted brain function, Huntington's chorea, ALS, dementia, retinopathy, a muscle spasm, a migraine, vomiting, dyskinesia, or depression (each being a "Condition") in an animal.

The invention also relates to compositions comprising an effective amount of a Cyclo(hetero)alkenyl Compound and a pharmaceutically acceptable carrier or excipient. The compositions are useful for treating or preventing a Condition in an animal.

The invention further relates to methods for treating a Condition, comprising administering to an animal in need thereof an effective amount of a Cyclo(hetero)alkenyl Compound.

The invention further relates to methods for preventing a Condition, comprising administering to an animal in need thereof an effective amount of a Cyclo(hetero)alkenyl Compound.

The invention still further relates to methods for inhibiting Vanilloid Receptor 1 ("VR1") function in a cell, comprising contacting a cell capable of expressing VR1 with an effective amount of a Cyclo(hetero)alkenyl Compound.

The invention still further relates to a method for preparing a composition, comprising the step of admixing a Cyclo(hetero)alkenyl Compound and a pharmaceutically acceptable carrier or excipient.

The invention still further relates to a kit comprising a container containing an effective amount of a Cyclo(hetero)alkenyl Compound. The kit may further comprise printed instructions for using the Cyclo(hetero)alkenyl Compound to treat any of the aforementioned Conditions.

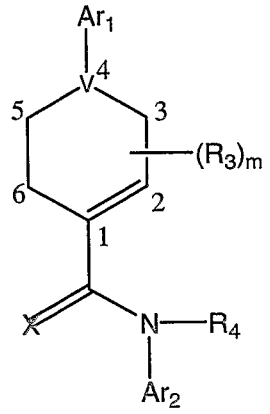
The present invention can be understood more fully by reference to the following detailed description and illustrative examples, which are intended to exemplify non-limiting embodiments of the invention.

4. DETAILED DESCRIPTION OF THE INVENTION

4.1 CYCLO(HETERO)ALKENYL COMPOUNDS

4.1.1 CYCLO(HETERO)ALKENYL COMPOUNDS OF FORMULA (I)

The present invention encompasses Compounds of Formula (I)



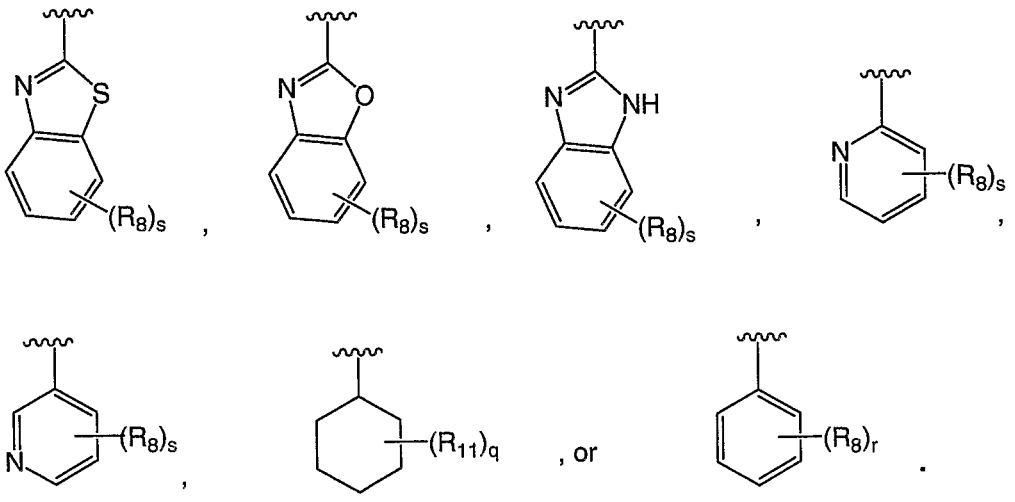
(I)

and pharmaceutically acceptable salts thereof, where V, X, Ar^1, Ar^2, R_3, R_4, and m are defined above for the Cyclo(hetero)alkenyl Compounds of Formula (I).

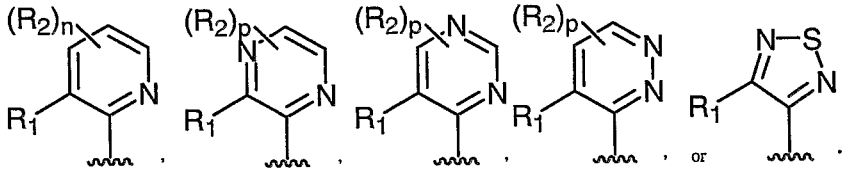
In one embodiment, each R_8 is independently -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3-C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -C(halo)$_3$, -CH(halo)$_2$, -CH_2(halo), -CN, -OH, -halo, -N_3, -NO_2, -N(R_7)$_2$, -CH=NR_7, -NR_7OH, -OR_7, -COR_7, -C(O)OR_7, -OC(O)R_7, -OC(O)OR_7, -SR_7, -S(O)R_7, -S(O)$_2$$R_7$, -$R_7OR_7$, -$R_7COR_7$, -$R_7$C(O)O$R_7$, -$R_7$OC(O)$R_7$, -$R_7$OC(O)O$R_7$, -$R_7SR_7$, -$R_7$S(O)$R_7$, -$R_7$S(O)$_2$$R_7$, -C(halo)$_2$C(halo)$_3$, -C(halo)$_2$CH(halo)$_2$, -CH(C(halo)$_3$)$_2$, -CH(C(halo)$_3$)($CH_3$), -OC(halo)$_2$C(halo)$_3$, -OC(halo)$_2$CH(halo)$_2$, -OCH(C(halo)$_3$)$_2$, -OCH(C(halo)$_3$)($CH_3$), -C(OH)($CF_3$)$_2$, -($C_1$–$C_{10}$)alkyl, or -(3- to 7-membered)heterocycle.

In another embodiment, R_1 is -H, -halo, -CH_3, -NO_2, -CN, -OH, -OCH_3, -NH_2, C(halo)$_3$, -CH(halo)$_2$, or -CH_2(halo).

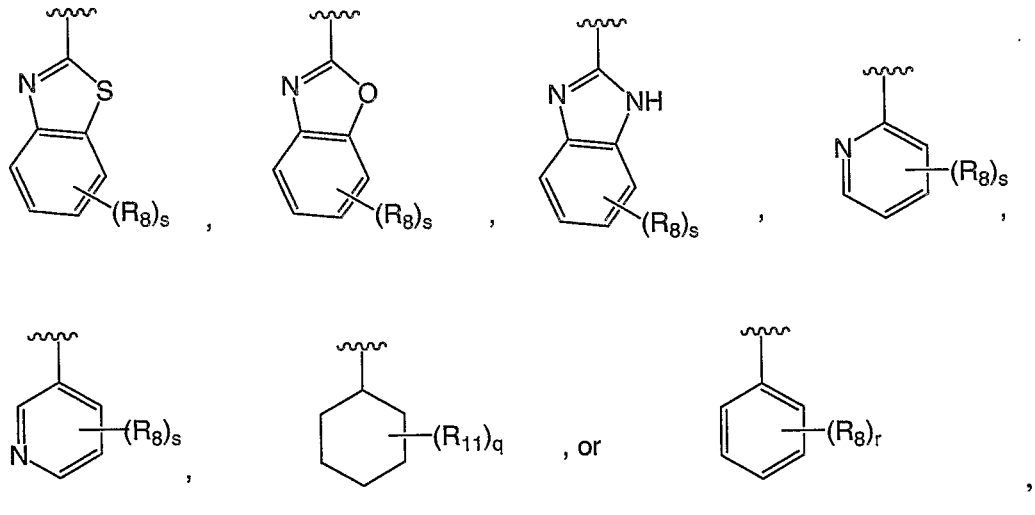
In another embodiment, Ar^2 is



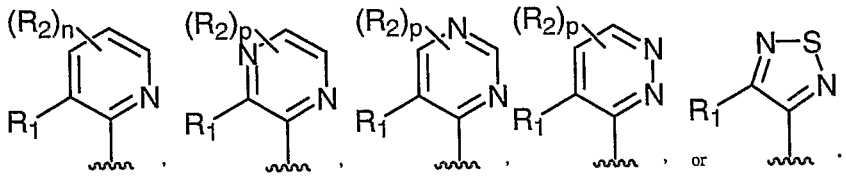
In another embodiment, Ar^1 is



In another embodiment, Ar^2 is

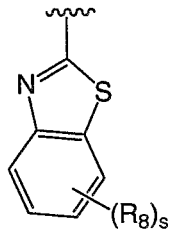
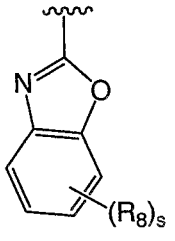
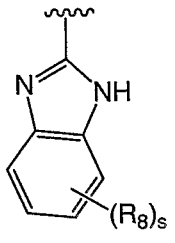
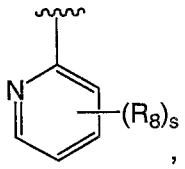
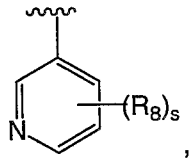
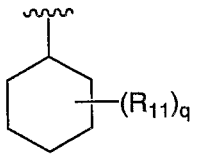
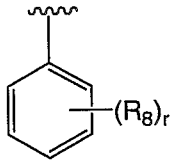


and Ar^1 is



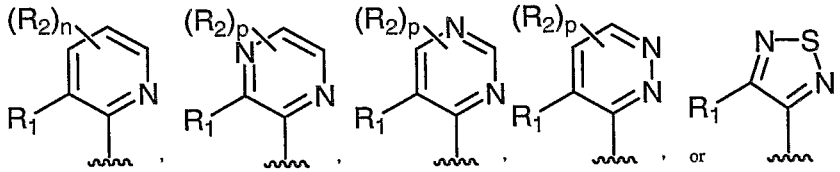
In another embodiment, each R_8 is independently -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3-C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -C(halo)$_3$, -CH(halo)$_2$, -CH_2(halo), -CN, -OH, -halo, -N_3, -NO_2, -N(R_7)$_2$, -CH=NR_7, -NR_7OH, -OR_7, -COR_7, -C(O)OR_7, -OC(O)R_7, -OC(O)OR_7, -SR_7, -S(O)R_7, or -S(O)$_2$$R_7$.

In another embodiment, Ar^2 is

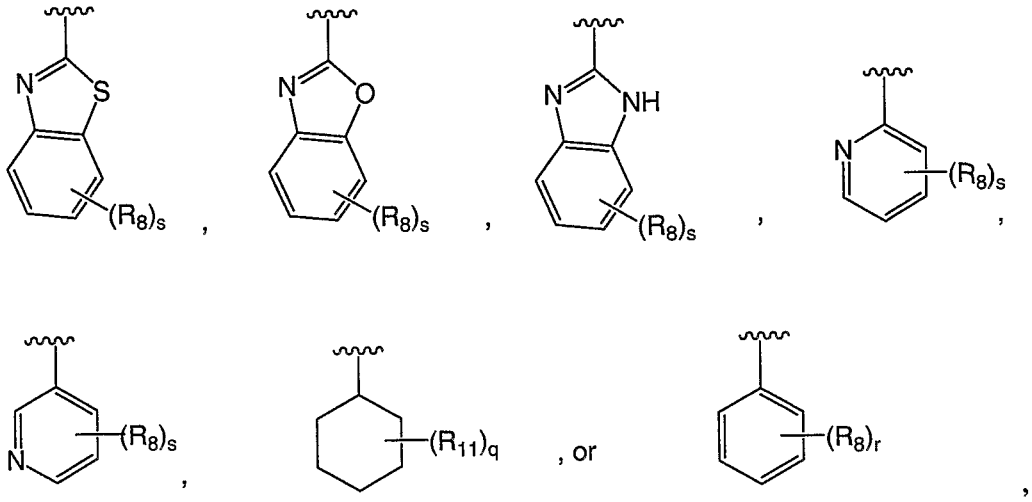
and each R_8 is independently -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3-C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -C(halo)$_3$, -CH(halo)$_2$, -CH_2(halo), -CN, -OH, -halo, -N_3, -NO_2, -N(R_7)$_2$, -CH=NR_7, -NR_7OH, -OR_7, -COR_7, -C(O)OR_7, -OC(O)R_7, -OC(O)OR_7, -SR_7, -S(O)R_7, or -S(O)$_2$$R_7$.

In another embodiment, Ar^1 is

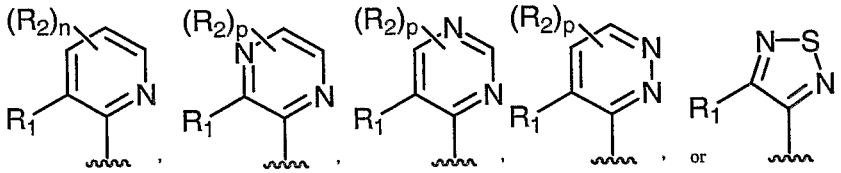


and each R_8 is independently -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3-C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -C(halo)$_3$, -CH(halo)$_2$, -CH_2(halo), -CN, -OH, -halo, -N_3, -NO_2, -N(R_7)$_2$, -CH=NR_7, -NR_7OH, -OR_7, -COR_7, -C(O)OR_7, -OC(O)R_7, -OC(O)OR_7, -SR_7, -S(O)R_7, or -S(O)$_2$$R_7$.

In another embodiment, Ar^2 is



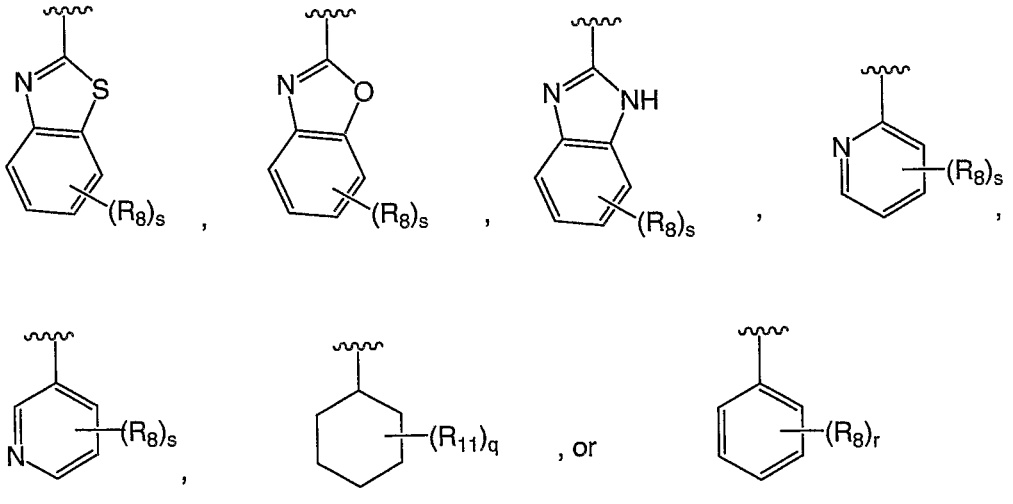
Ar^1 is



and each R_8 is independently -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3-C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -C(halo)$_3$, -CH(halo)$_2$, -CH_2(halo), -CN, -OH, -halo, -N_3, -NO_2, -N(R_7)$_2$, -CH=NR_7, -NR_7OH, -OR_7, -COR_7, -C(O)OR_7, -OC(O)R_7, -OC(O)OR_7, -SR_7, -S(O)R_7, or -S(O)$_2$$R_7$.

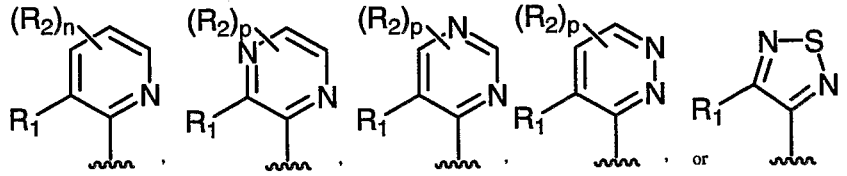
In another embodiment, R_4 is -H.

In another embodiment, Ar^2 is



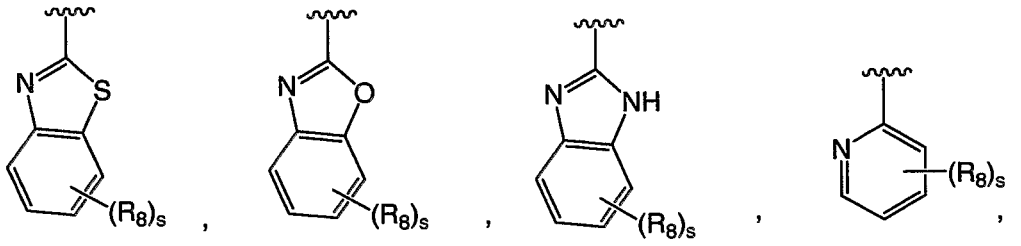
and R_4 is -H.

In another embodiment, Ar^1 is

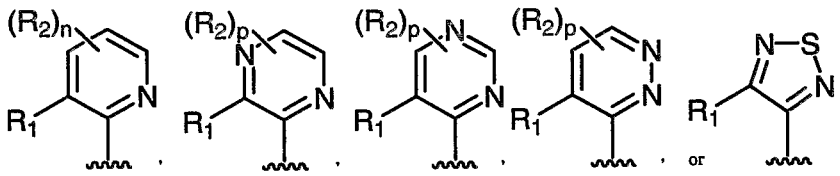


and R_4 is -H.

In another embodiment, Ar^2 is



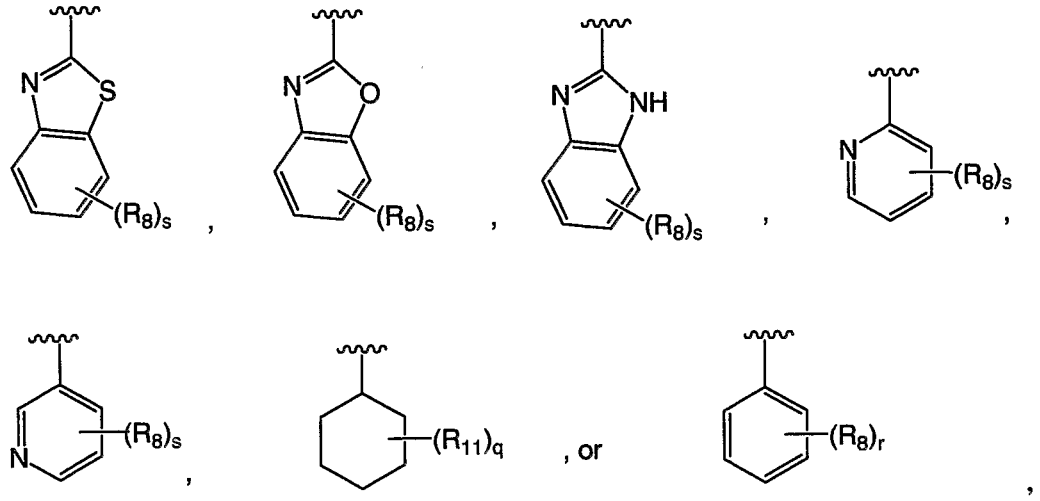
Ar^1 is



and R_4 is -H.

In another embodiment, R_4 is -H and each R_8 is independently -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3-C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -C(halo)$_3$, -CH(halo)$_2$, -CH_2(halo), -CN, -OH, -halo, -N_3, -NO_2, -N(R_7)$_2$, -CH=NR_7, -NR_7OH, -OR_7, -COR_7, -C(O)OR_7, -OC(O)R_7, -OC(O)OR_7, -SR_7, -S(O)R_7, or -S(O)$_2$$R_7$.

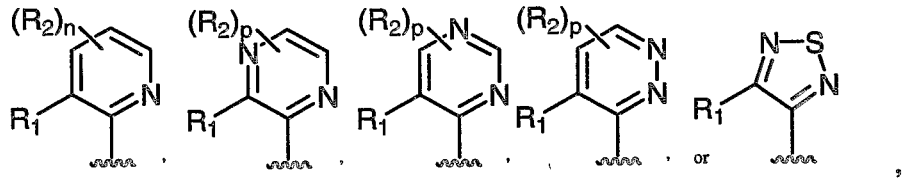
In another embodiment, Ar^2 is



each R_8 is independently -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3-C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -C(halo)$_3$, -CH(halo)$_2$, -CH_2(halo), -CN, -OH, -halo, -N_3, -NO_2, -N(R_7)$_2$, -CH=NR_7, -NR_7OH, -OR_7, -COR_7, -C(O)OR_7, -OC(O)R_7, -OC(O)OR_7, -SR_7, -S(O)R_7, or -S(O)$_2$$R_7$, and

R_4 is -H.

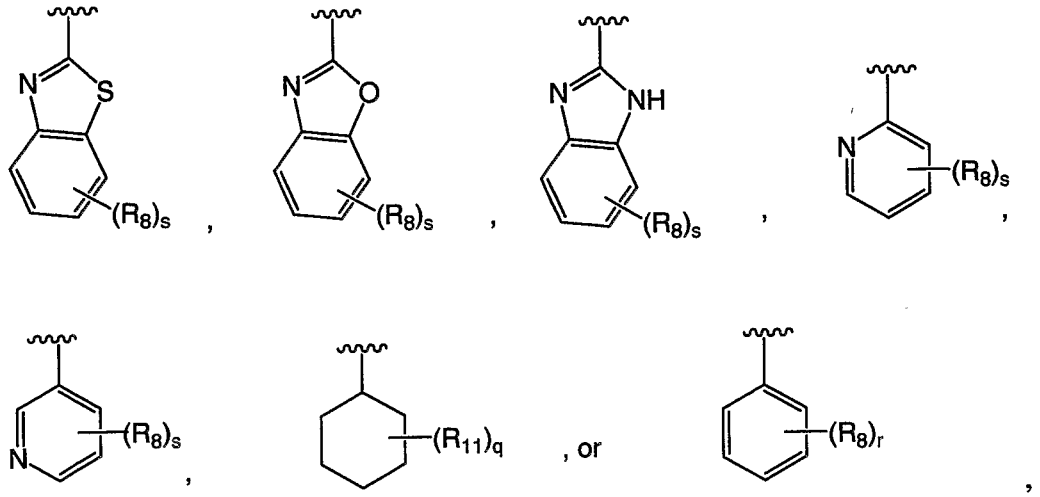
In another embodiment, Ar^1 is



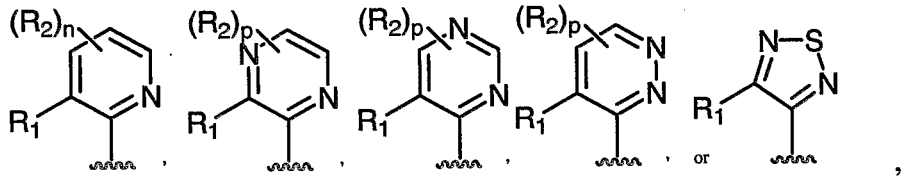
each R_8 is independently -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3-C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -C(halo)$_3$, -CH(halo)$_2$, -CH_2(halo), -CN, -OH, -halo, -N_3, -NO_2, -N(R_7)$_2$, -CH=NR_7, -NR_7OH, -OR_7, -COR_7, -C(O)OR_7, -OC(O)R_7, -OC(O)OR_7, -SR_7, -S(O)R_7, or -S(O)$_2$$R_7$, and

R_4 is -H.

In another embodiment, Ar^2 is

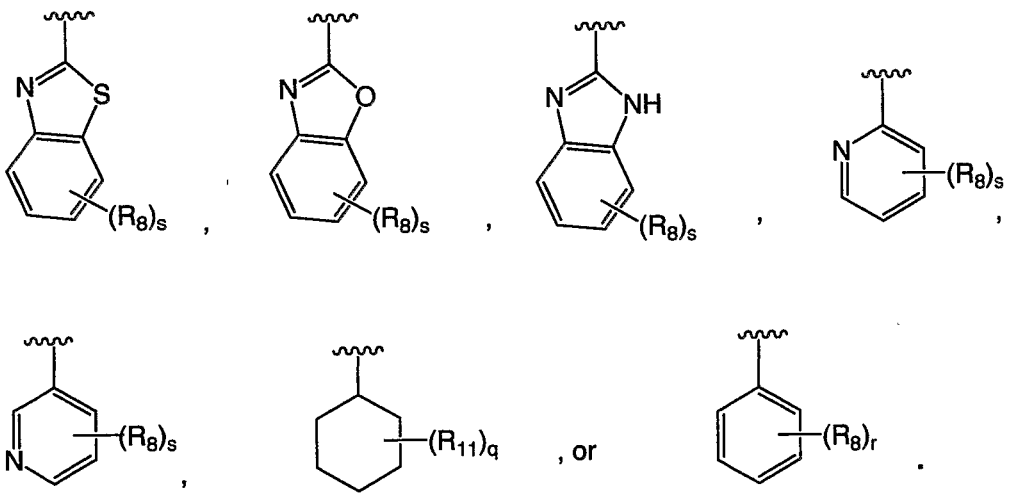


Ar^1 is

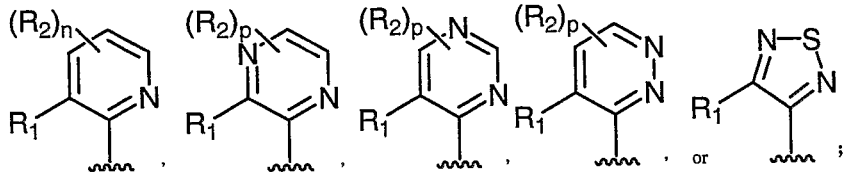


each R_8 is independently -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3-C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -C(halo)$_3$, -CH(halo)$_2$, -CH_2(halo), -CN, -OH, -halo, -N_3, -NO_2, -N(R_7)$_2$, -CH=NR_7, -NR_7OH, -OR_7, -COR_7, -C(O)OR_7, -OC(O)R_7, -OC(O)OR_7, -SR_7, -S(O)R_7, or -S(O)$_2$$R_7$, and R_4 is -H.

In another embodiment, R_1 is -H, -halo, -CH_3, -NO_2, -CN, -OH, -OCH_3, -NH_2, C(halo)$_3$, -CH(halo)$_2$, or -CH_2(halo); and Ar^2 is

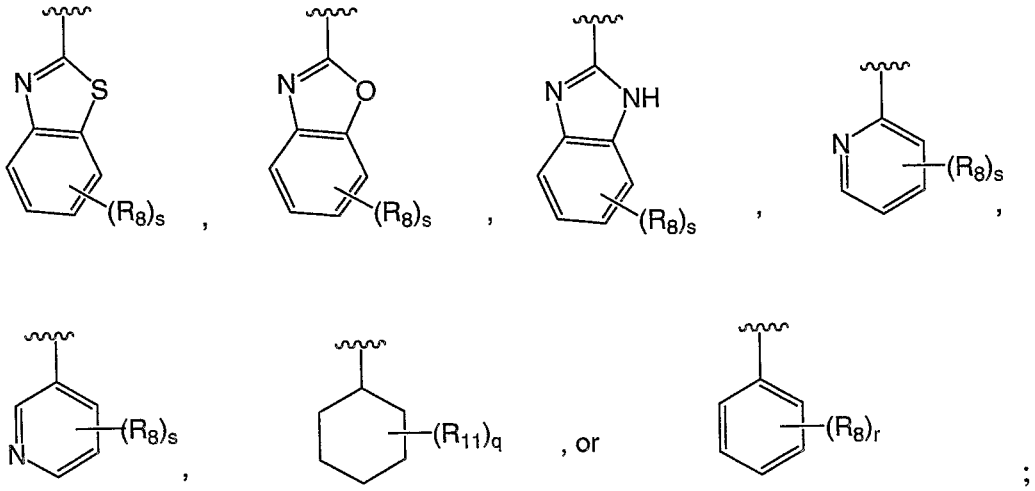


In another embodiment, Ar^1 is

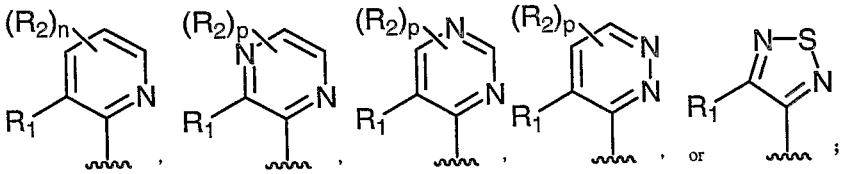


and R_1 is -H, -halo, $-CH_3$, $-NO_2$, -CN, -OH, $-OCH_3$, $-NH_2$, $C(halo)_3$, $-CH(halo)_2$, or $-CH_2(halo)$.

In another embodiment, Ar^2 is



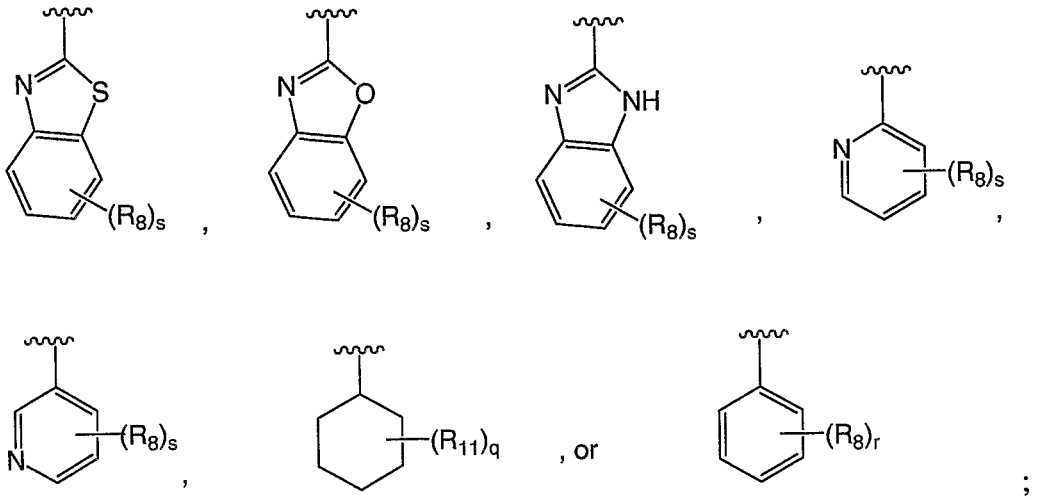
Ar^1 is



and R_1 is -H, -halo, $-CH_3$, $-NO_2$, -CN, -OH, $-OCH_3$, $-NH_2$, $C(halo)_3$, $-CH(halo)_2$, or $-CH_2(halo)$.

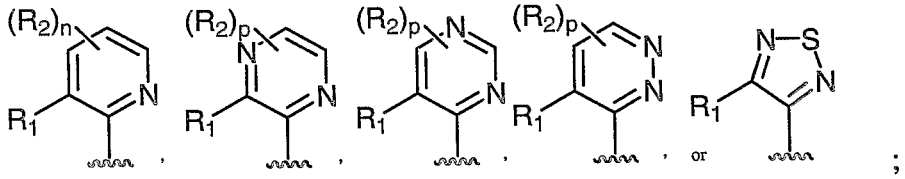
In another embodiment, R_1 is -H, -halo, $-CH_3$, $-NO_2$, -CN, -OH, $-OCH_3$, $-NH_2$, $C(halo)_3$, $-CH(halo)_2$, or $-CH_2(halo)$; and each R_8 is independently $-(C_1–C_6)$alkyl, $-(C_2–C_6)$alkenyl, $-(C_2–C_6)$alkynyl, $-(C_3-C_8)$cycloalkyl, $-(C_5–C_8)$cycloalkenyl, -phenyl, $-C(halo)_3$, $-CH(halo)_2$, $-CH_2(halo)$, -CN, -OH, -halo, $-N_3$, $-NO_2$, $-N(R_7)_2$, $-CH=NR_7$, $-NR_7OH$, $-OR_7$, $-COR_7$, $-C(O)OR_7$, $-OC(O)R_7$, $-OC(O)OR_7$, $-SR_7$, $-S(O)R_7$, or $-S(O)_2R_7$.

In another embodiment, Ar^2 is



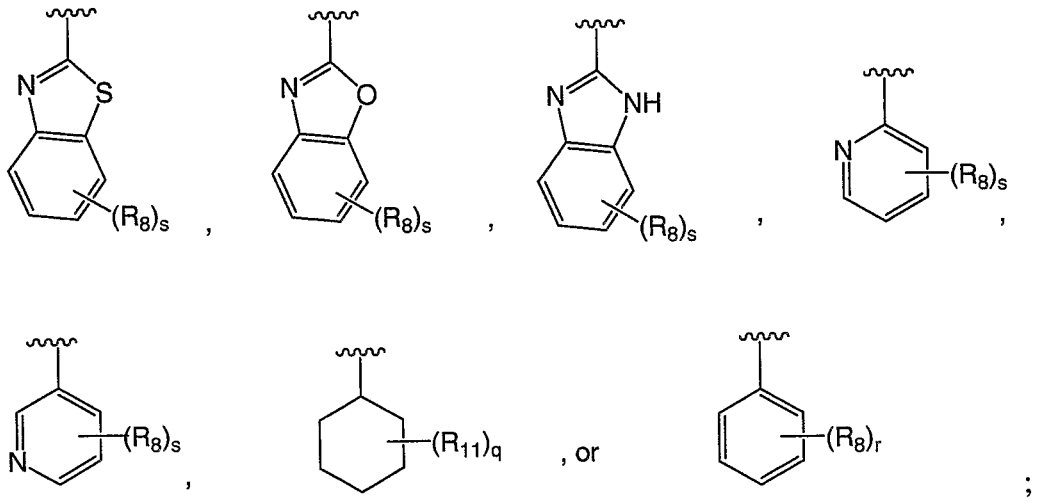
each R_8 is independently -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3-C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -C(halo)$_3$, -CH(halo)$_2$, -CH_2(halo), -CN, -OH, -halo, -N_3, -NO_2, -N(R_7)$_2$, -CH=NR_7, -NR_7OH, -OR_7, -COR_7, -C(O)OR_7, -OC(O)R_7, -OC(O)OR_7, -SR_7, -S(O)R_7, or -S(O)$_2$$R_7$; and R_1 is -H, -halo, -CH_3, -NO_2, -CN, -OH, -OCH_3, -NH_2, C(halo)$_3$, -CH(halo)$_2$, or -CH_2(halo).

In another embodiment, Ar^1 is

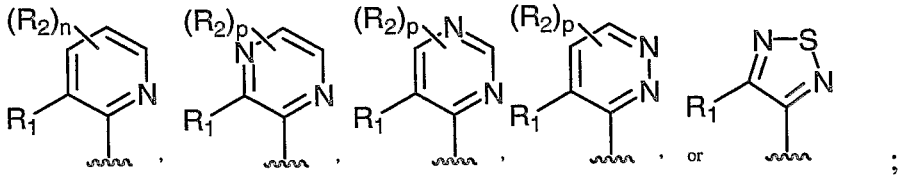


R_1 is -H, -halo, -CH_3, -NO_2, -CN, -OH, -OCH_3, -NH_2, C(halo)$_3$, -CH(halo)$_2$, or -CH_2(halo); and each R_8 is independently -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3-C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -C(halo)$_3$, -CH(halo)$_2$, -CH_2(halo), -CN, -OH, -halo, -N_3, -NO_2, -N(R_7)$_2$, -CH=NR_7, -NR_7OH, -OR_7, -COR_7, -C(O)OR_7, -OC(O)R_7, -OC(O)OR_7, -SR_7, -S(O)R_7, or -S(O)$_2$$R_7$.

In another embodiment, Ar^2 is



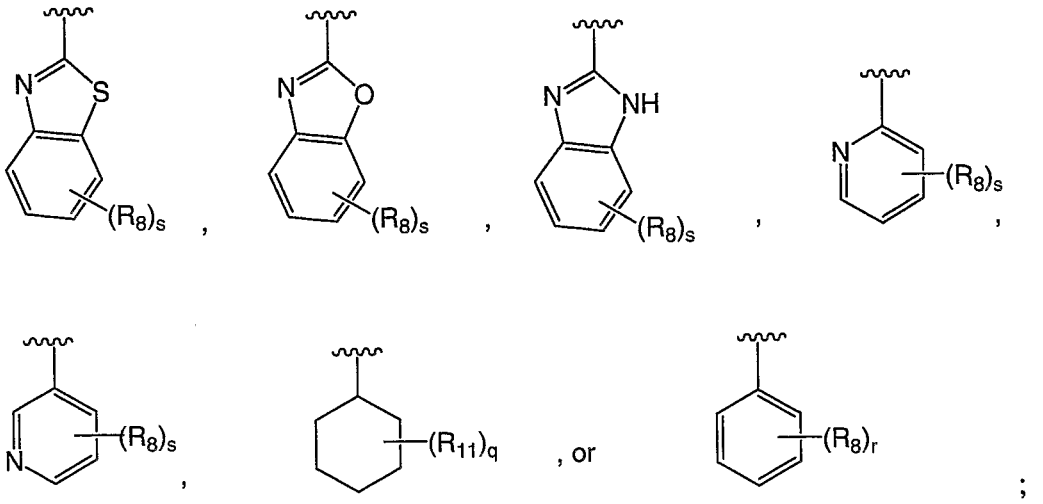
each R_8 is independently -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3-C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -C(halo)$_3$, -CH(halo)$_2$, -CH_2(halo), -CN, -OH, -halo, -N_3, -NO_2, -N(R_7)$_2$, -CH=NR_7, -NR_7OH, -OR_7, -COR_7, -C(O)OR_7, -OC(O)R_7, -OC(O)OR_7, -SR_7, -S(O)R_7, or -S(O)$_2$$R_7$; Ar^1 is



and R_1 is -H, -halo, -CH_3, -NO_2, -CN, -OH, -OCH_3, -NH_2, C(halo)$_3$, -CH(halo)$_2$, or -CH_2(halo).

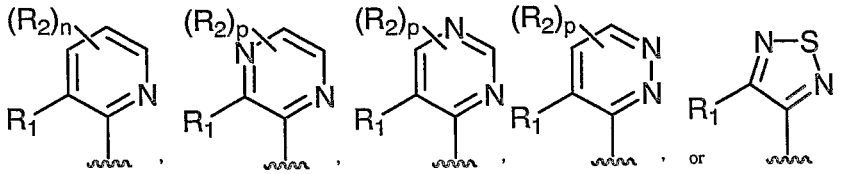
In another embodiment, R_1 is -H, -halo, -CH_3, -NO_2, -CN, -OH, -OCH_3, -NH_2, C(halo)$_3$, -CH(halo)$_2$, or -CH_2(halo); and R_4 is -H.

In another embodiment, Ar^2 is



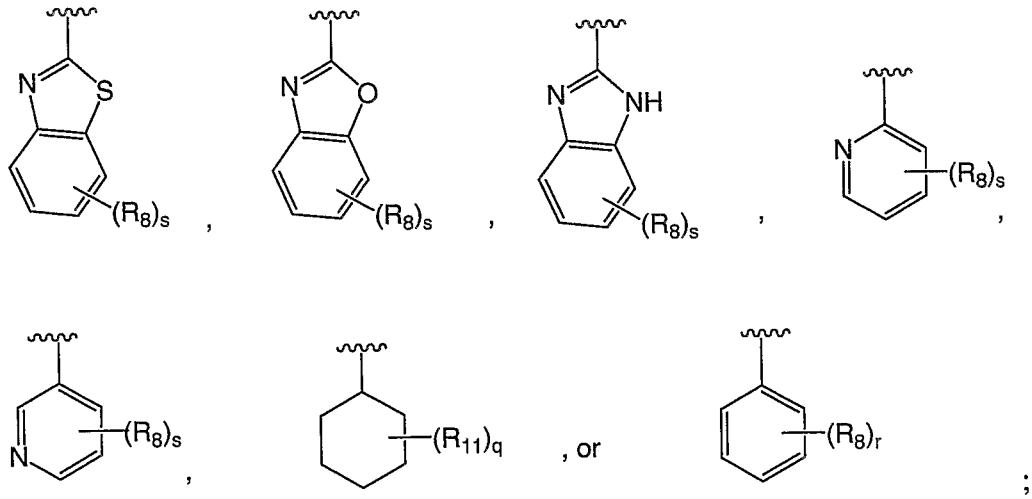
R_1 is -H, -halo, $-CH_3$, $-NO_2$, -CN, -OH, $-OCH_3$, $-NH_2$, $C(halo)_3$, $-CH(halo)_2$, or $-CH_2(halo)$; and R_4 is -H.

In another embodiment, Ar^1 is

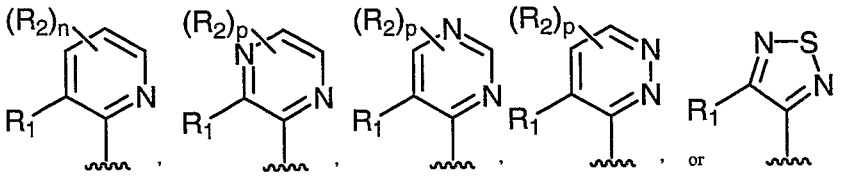


R_1 is -H, -halo, $-CH_3$, $-NO_2$, -CN, -OH, $-OCH_3$, $-NH_2$, $C(halo)_3$, $-CH(halo)_2$, or $-CH_2(halo)$; and R_4 is -H.

In another embodiment, Ar^2 is



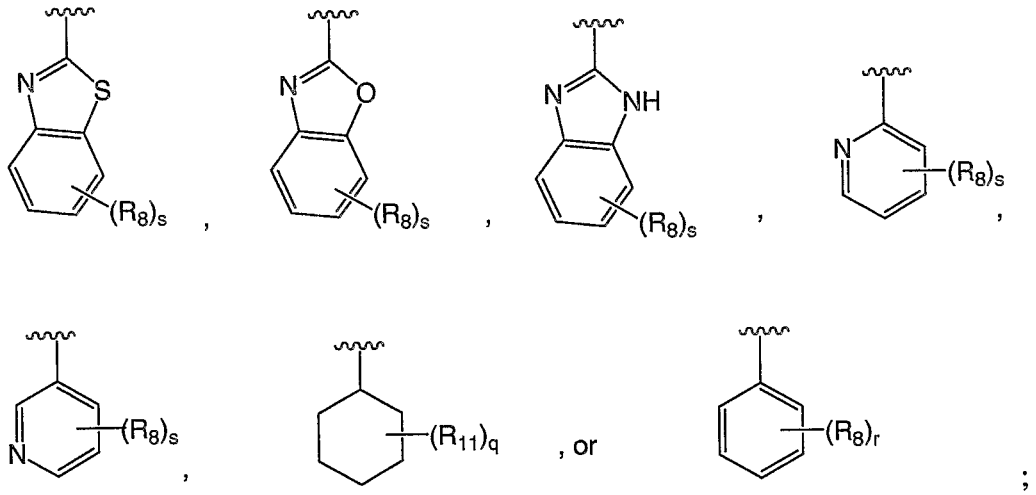
In another embodiment Ar^1 is



R_1 is -H, -halo, $-CH_3$, $-NO_2$, -CN, -OH, $-OCH_3$, $-NH_2$, $C(halo)_3$, $-CH(halo)_2$, or $-CH_2(halo)$; and R_4 is -H.

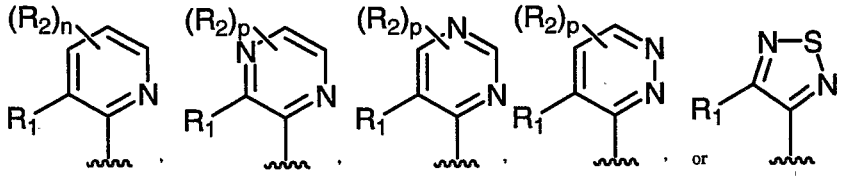
In another embodiment, R_1 is -H, -halo, $-CH_3$, $-NO_2$, -CN, -OH, $-OCH_3$, $-NH_2$, $C(halo)_3$, $-CH(halo)_2$, or $-CH_2(halo)$; R_4 is -H; and each R_8 is independently $-(C_1-C_6)$alkyl, $-(C_2-C_6)$alkenyl, $-(C_2-C_6)$alkynyl, $-(C_3-C_8)$cycloalkyl, $-(C_5-C_8)$cycloalkenyl, -phenyl, $-C(halo)_3$, $-CH(halo)_2$, $-CH_2(halo)$, -CN, -OH, -halo, $-N_3$, $-NO_2$, $-N(R_7)_2$, $-CH=NR_7$, $-NR_7OH$, $-OR_7$, $-COR_7$, $-C(O)OR_7$, $-OC(O)R_7$, $-OC(O)OR_7$, $-SR_7$, $-S(O)R_7$, or $-S(O)_2R_7$.

In another embodiment, Ar^2 is



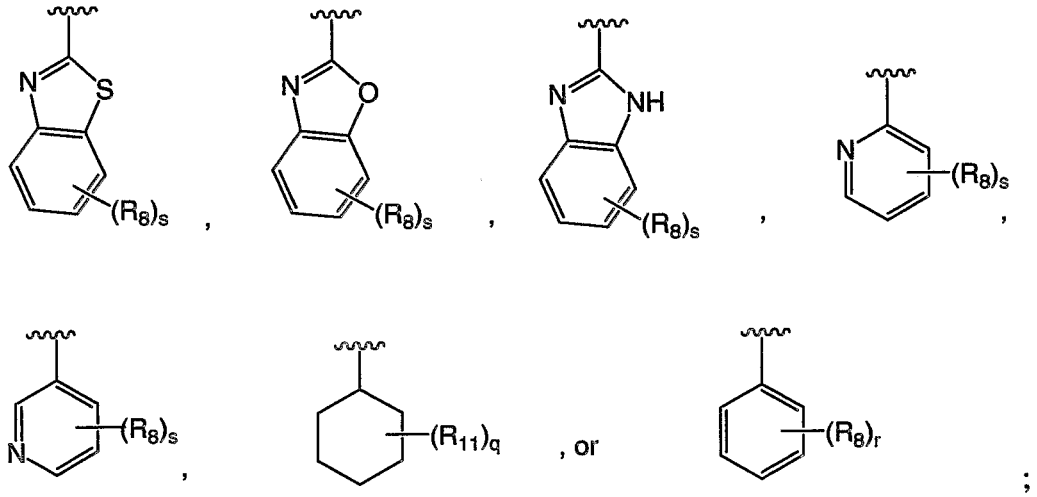
each R_8 is independently $-(C_1-C_6)$alkyl, $-(C_2-C_6)$alkenyl, $-(C_2-C_6)$alkynyl, $-(C_3-C_8)$cycloalkyl, $-(C_5-C_8)$cycloalkenyl, -phenyl, $-C(halo)_3$, $-CH(halo)_2$, $-CH_2(halo)$, -CN, -OH, -halo, $-N_3$, $-NO_2$, $-N(R_7)_2$, $-CH=NR_7$, $-NR_7OH$, $-OR_7$, $-COR_7$, $-C(O)OR_7$, $-OC(O)R_7$, $-OC(O)OR_7$, $-SR_7$, $-S(O)R_7$, or $-S(O)_2R_7$; R_1 is -H, -halo, $-CH_3$, $-NO_2$, -CN, -OH, $-OCH_3$, $-NH_2$, $C(halo)_3$, $-CH(halo)_2$, or $-CH_2(halo)$; and R_4 is -H.

In another embodiment, Ar^1 is

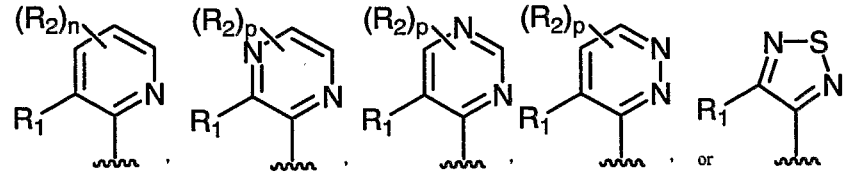


R_1 is -H, -halo, $-CH_3$, $-NO_2$, -CN, -OH, $-OCH_3$, $-NH_2$, $C(halo)_3$, $-CH(halo)_2$, or $-CH_2(halo)$; each R_8 is independently $-(C_1–C_6)$alkyl, $-(C_2–C_6)$alkenyl, $-(C_2–C_6)$alkynyl, $-(C_3-C_8)$cycloalkyl, $-(C_5–C_8)$cycloalkenyl, -phenyl, $-C(halo)_3$, $-CH(halo)_2$, $-CH_2(halo)$, -CN, -OH, -halo, $-N_3$, $-NO_2$, $-N(R_7)_2$, $-CH=NR_7$, $-NR_7OH$, $-OR_7$, $-COR_7$, $-C(O)OR_7$, $-OC(O)R_7$, $-OC(O)OR_7$, $-SR_7$, $-S(O)R_7$, or $-S(O)_2R_7$, and R_4 is -H.

In another embodiment, Ar^2 is



each R_8 is independently $-(C_1–C_6)$alkyl, $-(C_2–C_6)$alkenyl, $-(C_2–C_6)$alkynyl, $-(C_3-C_8)$cycloalkyl, $-(C_5–C_8)$cycloalkenyl, -phenyl, $-C(halo)_3$, $-CH(halo)_2$, $-CH_2(halo)$, -CN, -OH, -halo, $-N_3$, $-NO_2$, $-N(R_7)_2$, $-CH=NR_7$, $-NR_7OH$, $-OR_7$, $-COR_7$, $-C(O)OR_7$, $-OC(O)R_7$, $-OC(O)OR_7$, $-SR_7$, $-S(O)R_7$, or $-S(O)_2R_7$; Ar^1 is



and R_1 is -H, -halo, $-CH_3$, $-NO_2$, -CN, -OH, $-OCH_3$, $-NH_2$, $C(halo)_3$, $-CH(halo)_2$, or $-CH_2(halo)$.

In one embodiment, Ar^1 is a pyridyl group.

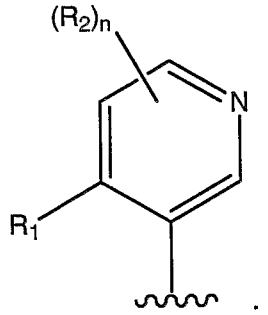
In another embodiment, Ar^1 is a pyrimidyl group

In another embodiment, Ar^1 is a pyrazinyl group.

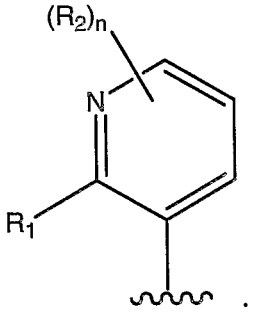
In another embodiment, Ar^1 is a pyridazinyl group.

In another embodiment, Ar^1 is a thiadiazolyl group.

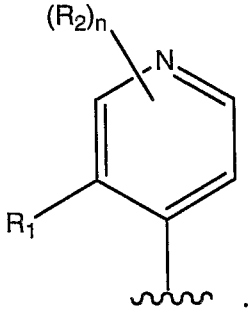
In another embodiment, Ar^1 is



In another embodiment, Ar^1 is



In another embodiment, Ar^1 is



In another embodiment, V is N.

In another embodiment, V is CH.

In another embodiment, Ar^2 is a benzoimidazolyl group.

In another embodiment, Ar^2 is a benzothiazolyl group.

In another embodiment, Ar^2 is a benzooxazolyl group.

In another embodiment, Ar^2 is a 5-benzodioxolyl group, a 5-benzodithiolyl group, a 5-dihydroindenyl group, a 5-dihydrobenzoimidazolyl group, a 6-dihydrobenzofuranyl group, a 5-dihydrobenzofuranyl group, a 6-indolinyl group, a 5-indolinyl group, a 6-dihydrobenzothiopheneyl group, a 5-dihydrobenzothiopheneyl group, a 5-dihydrobenzooxazolyl group, a 6-dihydrobenzooxazolyl group, a 5-dihydrobenzothiazolyl group, or a 6-dihydrobenzothiazolyl group.

In another embodiment, Ar^2 is a 5-benzodioxolyl group, a 5-benzodithiolyl group, a 5-dihydroindenyl group, a 5-dihydrobenzoimidazolyl group, a 6-dihydrobenzofuranyl group, a 5-dihydrobenzofuranyl group, a 6-indolinyl group, a 5-indolinyl group, a 6-dihydrobenzothiopheneyl group, or a 5-dihydrobenzothiopheneyl group.

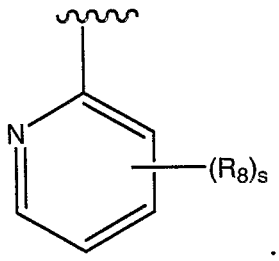
In another embodiment, Ar^2 is a 5-dihydroindenyl group, a 5-dihydrobenzoimidazolyl group, a 5-benzodioxolyl group, or a 5-benzodithiolyl group.

In another embodiment, Ar^2 is a 5-benzodioxolyl group or a 5-benzodithiolyl group.

In another embodiment, Ar^2 is a 5-benzodioxolyl group.

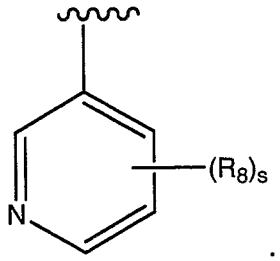
In another embodiment, Ar^2 is a 5-benzodithiolyl group.

In another embodiment, Ar^2 is

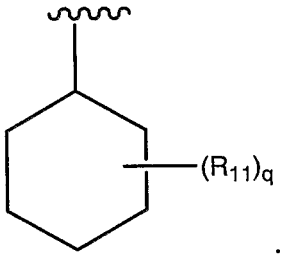


.

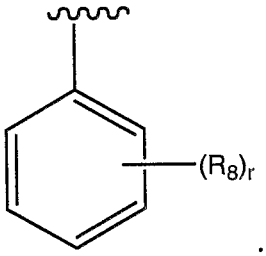
In another embodiment, Ar^2 is



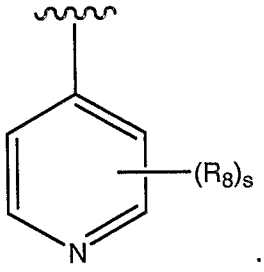
In another embodiment, Ar^2 is



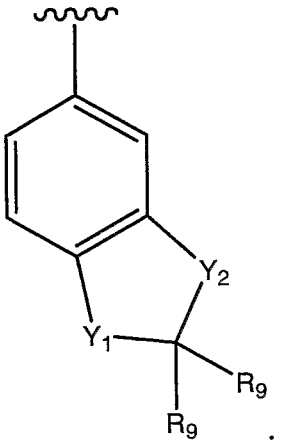
In another embodiment, Ar^2 is



In another embodiment, Ar^2 is



In another embodiment, Ar^2 is



In another embodiment, p or n is 0.

In another embodiment, p or n is 1.

In another embodiment, m is 0.

In another embodiment, m is 0 and V is N.

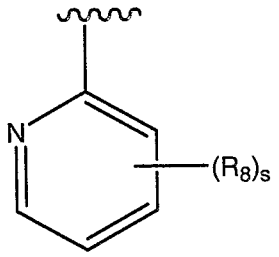
In another embodiment, m is 0 and V is CH.

In another embodiment, m is 1.

In another embodiment, m is 1 and V is N.

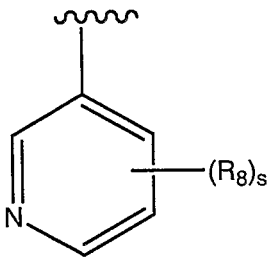
In another embodiment, m is 1 and V is CH.

In another embodiment, Ar^2 is



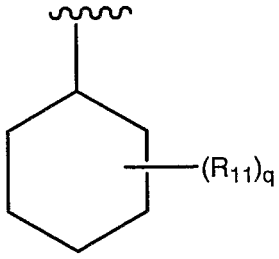
and s is 0.

In another embodiment, Ar^2 is



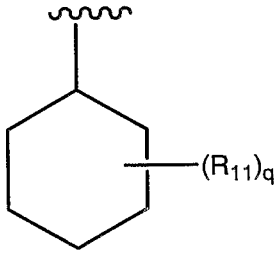
and s is 1.

In another embodiment, Ar^2 is



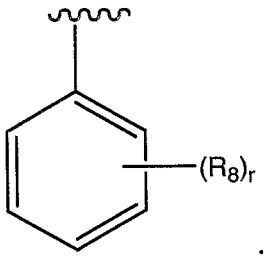
and q is 0.

In another embodiment, Ar^2 is



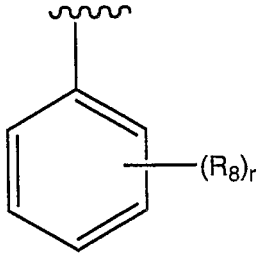
and q is 1.

In another embodiment, Ar^2 is



and r is 0.

In another embodiment, Ar^2 is



and r is 0.

In another embodiment, Ar^2 is a benzothiazolyl group and s is 0.

In another embodiment, Ar^2 is a benzoimidazolyl group and s is 0.

In another embodiment, Ar^2 is a benzooxazolyl group and s is 0.

In another embodiment, Ar^2 is a benzothiazolyl group and s is 1.

In another embodiment, Ar^2 is a benzoimidazolyl group and s is 1.

In another embodiment, Ar^2 is a benzooxazolyl group and s is 1.

In another embodiment, Ar^2 is a 5-benzodioxolyl group and each R_9 is -H.

In another embodiment, Ar^2 is a 5-benzodioxolyl group and each R_9 is -F.

In another embodiment, R_1 is -H.

In another embodiment, R_1 is -halo.

In another embodiment, R_1 is -(C_1-C_4)alkyl.

In another embodiment, R_1 is $-CH_3$ or $-CH_2CH_3$.

In another embodiment, R_1 is $-CH_2CH_3$.

In another embodiment, R_1 is $-CH_3$.

In another embodiment, R_1 is $-NO_2$.

In another embodiment, R_1 is -CN.

In another embodiment, R_1 is -OH.

In another embodiment, R_1 is $-OCH_3$.

In another embodiment, R_1 is $-NH_2$.

In another embodiment, R_1 is $-C(halo)_3$.

In another embodiment, R_1 is $-CH(halo)_2$.

In another embodiment, R_1 is $-CH_2(halo)$.

In another embodiment, n or p is 1 and R_2 is -halo, -CN, -OH, $-NO_2$, or $-NH_2$.

In another embodiment, n or p is 1 and R_2 is -(C_1-C_{10})alkyl, -(C_2-C_{10})alkenyl, -(C_2-C_{10})alkynyl, -(C_3-C_{10})cycloalkyl, -(C_8-C_{14})bicycloalkyl, -(C_8-C_{14})tricycloalkyl, -(C_5-

C_{10})cycloalkenyl, -(C_8-C_{14})bicycloalkenyl, -(C_8-C_{14})tricycloalkenyl, -(3- to 7-membered)heterocycle, or -(7- to 10-membered)bicycloheterocycle, each of which is unsubstituted or substituted with one or more R_5 groups.

In another embodiment, n or p is 1 and R_2 is -phenyl, -naphthyl, -(C_{14})aryl or -(5- to 10-membered)heteroaryl, each of which is unsubstituted or substituted with one or more R_6 groups.

In another embodiment, m is 1, R_3 is attached to the 2-, 3-, 5-, or 6-position of the cyclo(hetero)alkenyl ring, and R_3 is -halo, -CN, -OH, -NO_2, or -NH_2;

In another embodiment, m is 1, R_3 is attached to the 2-, 3-, 5-, or 6-position of the cyclo(hetero)alkenyl ring, and R_3 is -(C_1-C_{10})alkyl, -(C_2-C_{10})alkenyl, -(C_2-C_{10})alkynyl, -(C_3-C_{10})cycloalkyl, -(C_8-C_{14})bicycloalkyl, -(C_8-C_{14})tricycloalkyl, -(C_5-C_{10})cycloalkenyl, -(C_8-C_{14})bicycloalkenyl, -(C_8-C_{14})tricycloalkenyl, -(3- to 7-membered)heterocycle, or -(7- to 10-membered)bicycloheterocycle, each of which is unsubstituted or substituted with one or more R_5 groups.

In another embodiment, m is 1, R_3 is attached to the 2-, 3-, 5-, or 6-position of the cyclo(hetero)alkenyl ring, and R_3 is -phenyl, -naphthyl, -(C_{14})aryl or -(5- to 10-membered)heteroaryl, each of which is unsubstituted or substituted with one or more R_6 groups.

In another embodiment, m is 1, R_3 is attached to the 2-, 3-, 5-, or 6-position of the cyclo(hetero)alkenyl ring, and R_3 is -CH_3.

In another embodiment, R_4 is -H.

In another embodiment, R_4 is -(C_1-C_6)alkyl.

In another embodiment, R_4 is ethyl.

In another embodiment, R_4 is methyl.

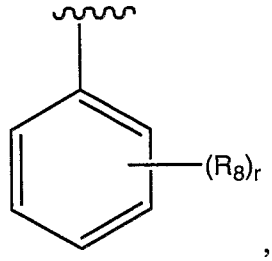
In another embodiment, R_4 is -H or methyl.

In another embodiment, each R_8 is independently -(C_1–C_{10})alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3-C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -(3- to 7-membered)heterocycle, -phenyl, -C(halo)$_3$, -CH(halo)$_2$, -CH_2(halo), -CN, -OH, -halo, -N_3, -NO_2, -N(R_7)$_2$, -CH=NR_7, -NR_7OH, -OR_7, -COR_7, -C(O)OR_7, -R_7C(O)OR_7, -OC(O)R_7, -R_7OC(O)R_7, -OC(O)OR_7, -R_7OC(O)OR_7, -SR_7, -S(O)R_7, or -S(O)$_2$$R_7$.

In another embodiment, each R_8 is independently -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3-C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -C(halo)$_3$, -CH(halo)$_2$, -CH_2(halo), -CN, -OH, -halo, -N_3, -NO_2, -N(R_7)$_2$, -CH=NR_7, -NR_7OH, -OR_7, -C(O)R_7, -C(O)OR_7, -OC(O)R_7, -OC(O)OR_7, -SR_7, -S(O)R_7, -S(O)$_2$$R_7$, or -C(halo)$_2$C(halo)$_3$.

In another embodiment, Ar^2 is a benzothiazolyl group, benzoimidazolyl group, or benzooxazolyl group and each R_8 is independently -H, halo, -(C_1-C_6)alkyl, -O(C_1-C_6)alkyl, -C(halo)$_3$, -CH(halo)$_2$, or -CH_2(halo).

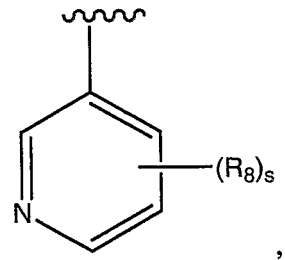
In another embodiment, Ar^2 is



,

and each R_8 is independently -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3-C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -C(halo)$_3$, -CH(halo)$_2$, -CH_2(halo), -CN, -OH, -halo, -N_3, -NO_2, -N(R_7)$_2$, -CH=NR_7, -NR_7OH, -OR_7, -C(O)R_7, -C(O)OR_7, -OC(O)R_7, -OC(O)OR_7, -SR_7, -S(O)R_7, -S(O)$_2$$R_7$, -C(halo)$_2$C(halo)$_3$, -C(halo)$_2$CH(halo)$_2$, -CH(C(halo)$_3$)$_2$, -CH(C(halo)$_3$)($CH_3$), -OC(halo)$_2$C(halo)$_3$, -OC(halo)$_2$CH(halo)$_2$, -OCH(C(halo)$_3$)$_2$, -OCH(C(halo)$_3$)($CH_3$), or -C(OH)($CF_3$)$_2$.

In another embodiment, Ar^2 is

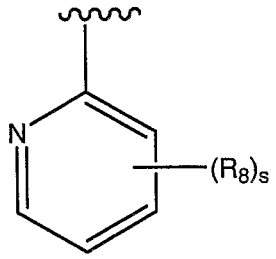


,

and each R_8 is independently -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3-C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -C(halo)$_3$, -CH(halo)$_2$, -CH_2(halo), -CN, -OH, -halo, -N_3, -NO_2, -N(R_7)$_2$, -CH=NR_7, -NR_7OH, -OR_7, -C(O)R_7, -C(O)OR_7, -OC(O)R_7, -OC(O)OR_7, -SR_7, -S(O)R_7, -S(O)$_2$$R_7$, -C(halo)$_2$C(halo)$_3$, -C(halo)$_2$CH(halo)$_2$,

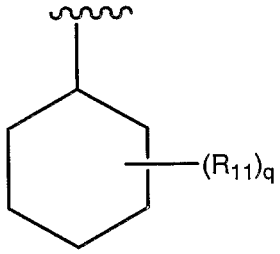
$-CH(C(halo)_3)_2$, $-CH(C(halo)_3)(CH_3)$, $-OC(halo)_2C(halo)_3$, $-OC(halo)_2CH(halo)_2$, $-OCH(C(halo)_3)_2$, $-OCH(C(halo)_3)(CH_3)$, or $-C(OH)(CF_3)_2$.

In another embodiment, Ar^2 is



and each R_8 is independently $-(C_1–C_6)$alkyl, $-(C_2–C_6)$alkenyl, $-(C_2–C_6)$alkynyl, $-(C_3-C_8)$cycloalkyl, $-(C_5–C_8)$cycloalkenyl, -phenyl, $-C(halo)_3$, $-CH(halo)_2$, $-CH_2(halo)$, -CN, -OH, -halo, $-N_3$, $-NO_2$, $-N(R_7)_2$, $-CH=NR_7$, $-NR_7OH$, $-OR_7$, $-COR_7$, $-C(O)OR_7$, $-OC(O)R_7$, $-OC(O)OR_7$, $-SR_7$, $-S(O)R_7$, $-S(O)_2R_7$, $-C(halo)_2C(halo)_3$, $-C(halo)_2CH(halo)_2$, $-CH(C(halo)_3)_2$, $-CH(C(halo)_3)(CH_3)$, $-OC(halo)_2C(halo)_3$, $-OC(halo)_2CH(halo)_2$, $-OCH(C(halo)_3)_2$, $-OCH(C(halo)_3)(CH_3)$, or $-C(OH)(CF_3)_2$.

In another embodiment, Ar^2 is



and each R_{11} is independently -CN, -OH, $-(C_1–C_6)$alkyl, $-(C_2–C_6)$alkenyl, $-(C_2–C_6)$alkynyl, -halo, $-N_3$, $-NO_2$, $-N(R_7)_2$, $-CH=NR_7$, $-NR_7OH$, $-OR_7$, $-COR_7$, $-C(O)OR_7$, $-OC(O)R_7$, or $-OC(O)OR_7$.

In another embodiment, Ar^1 is a pyridyl group; V is N; m is 0, and Ar^2 is a benzothiazolyl group.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzothiazolyl group; and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is a benzothiazolyl group; and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzothiazolyl group; and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzothiazolyl group; and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is a benzothiazolyl group; and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzothiazolyl group; and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzothiazolyl group; and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is a benzothiazolyl group; R_8 s is 1; and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl, -F -Br, or -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl, -F -Br, or -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzothiazolyl group s is 1; and R_8 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl, -F, -Br, or -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CF_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CF_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CF_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CF_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CF_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CF_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CF_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-OCH_2CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-OCH_2CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-OCH_2CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-OCH_2CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-OCH_2CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-OCH_2CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-OCH_2CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzothiazolyl group; R_8 is -*tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -*tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -*tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -*tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -*tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -*tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -*tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzothiazolyl group; and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the

cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzothiazolyl group; and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzothiazolyl group; and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzothiazolyl group; and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzothiazolyl group; and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzothiazolyl group; and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzothiazolyl group; and s is 1. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; -F -Br, or -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is CH_3; R_1 is -Cl, -F -Br, or -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl, -F, -Br, or -I, Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -*tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -*tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -*tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -*tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group, V is CH; m is 0, and Ar^2 is a benzothiazolyl group.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzothiazolyl group; and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is a benzothiazolyl group; and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzothiazolyl group; and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzothiazolyl group; and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is a benzothiazolyl group; and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzothiazolyl group; and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzothiazolyl group; and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is a benzothiazolyl group; R_8 s is 1; and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl, -F -Br, or -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl, -F -Br, or -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzothiazolyl group s is 1; and R_8 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl, -F, -Br, or -I, Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CF_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CF_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CF_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CF_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CF_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CF_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CF_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-OCH_2CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-OCH_2CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-OCH_2CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-OCH_2CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-OCH_2CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-OCH_2CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-OCH_2CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzothiazolyl group; R_8 is *-tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is *-tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is *-tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -*tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -*tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -*tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -*tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzothiazolyl group; and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzothiazolyl group; and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzothiazolyl group; and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzothiazolyl group; and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzothiazolyl group; and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzothiazolyl group; and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzothiazolyl group; and s is 1. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -halo. In another

embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -halo. In another embodiment, the

R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Br. In another embodiment, the

R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Br. In another embodiment,

the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl, -F -Br, or -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -F. In another embodiment, the

R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -F. In another embodiment, the

R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is CH_3; R_1 is -Cl, -F -Br, or -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is -CH_3; R_1 is -F; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is -CH_3; R_1 is -Cl; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is -CH_3; R_1 is -Br; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Cl. In another embodiment, the

R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl, -F, -Br, or -I, Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -I. In another

embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -I. In another embodiment, the R_3

group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CH_3$. In another embodiment,

the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CH_3$. In another embodiment,

the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CF_3$. In another embodiment,

the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-CF_3$. In another embodiment,

the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-OCH_2CH_3$. In another

embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is *-tert*-butyl. In

another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is *-tert*-butyl. In another

embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzothiazolyl group; s is 1; and R_8 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group, V is N; m is 0, and Ar^2 is a benzoimidazolyl group.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzoimidazolyl group; and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is a benzoimidazolyl group; and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzoimidazolyl group; and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzoimidazolyl group; and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is a benzoimidazolyl group; and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzoimidazolyl group; and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzoimidazolyl group; and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is a benzoimidazolyl group; R_8 s is 1; and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl, -F -Br, or -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl, -F -Br, or -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzoimidazolyl group s is 1; and R_8 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl, -F, -Br, or -I, Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CF_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CF_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CF_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CF_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CF_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CF_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CF_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-OCH_2CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-OCH_2CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-OCH_2CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-OCH_2CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-OCH_2CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-OCH_2CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-OCH_2CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzoimidazolyl group; R_8 is *-tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is *-tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is *-tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is *-tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is *-tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is *-tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is *-tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzoimidazolyl group; and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzoimidazolyl group; and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzoimidazolyl group; and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzoimidazolyl group; and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzoimidazolyl group; and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzoimidazolyl group; and s is 0. In another embodiment, the R_3

group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzoimidazolyl group; and s is 1. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -halo. In another embodiment,

the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -halo. In another

embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Br. In another embodiment,

the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl, -F -Br, or -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -F. In another

embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -F. In another embodiment, the

R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is CH_3; R_1 is -Cl, -F -Br, or -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Cl. In another embodiment,

the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Cl. In another embodiment,

the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl, -F, -Br, or -I, Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -I. In another embodiment, the

R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -I. In another embodiment,

the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

n another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CH_3$. In another embodiment,

the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CF_3$. In another

embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CF_3$. In another embodiment,

the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-OCH_2CH_3$. In another

embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-OCH_2CH_3$. In another

embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is *-tert*-butyl. In another

embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -*tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -*tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -*tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -*tert*-butyl. In another

embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group, V is CH; m is 0, and Ar^2 is a benzoimidazolyl group.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzoimidazolyl group; and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is a benzoimidazolyl group; and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzoimidazolyl group; and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzoimidazolyl group; and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is a benzoimidazolyl group; and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzoimidazolyl group; and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzoimidazolyl group; and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is a benzoimidazolyl group; R_8 s is 1; and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl, -F -Br, or -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl, -F -Br, or -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzoimidazolyl group s is 1; and R_8 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl, -F, -Br, or -I, Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CF_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CF_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CF_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CF_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CF_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CF_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CF_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-OCH_2CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-OCH_2CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-OCH_2CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-OCH_2CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-OCH_2CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-OCH_2CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-OCH_2CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzoimidazolyl group; R_8 is *-tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is *-tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is *-tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -*tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -*tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -*tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -*tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzoimidazolyl group; and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzoimidazolyl group; and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzoimidazolyl group; and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzoimidazolyl group; and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzoimidazolyl group; and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzoimidazolyl group; and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzoimidazolyl group; and s is 1. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl, -F -Br, or -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is CH_3; R_1 is -Cl, -F -Br, or -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl, -F, -Br, or -I, Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzoimidazolyl group; s is 1; and R_8 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group, V is N; m is 0, and Ar^2 is a benzooxazolyl group.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzooxazolyl group; and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is a benzooxazolyl group; and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzooxazolyl group; and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzooxazolyl group; and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is a benzooxazolyl group; and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzooxazolyl group; and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzooxazolyl group; and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is a benzooxazolyl group; R_8 s is 1; and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl, -F -Br, or -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl, -F -Br, or -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzooxazolyl group s is 1; and R_8 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl, -F, -Br, or -I, Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CF_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CF_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CF_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CF_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CF_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CF_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CF_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-OCH_2CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-OCH_2CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-OCH_2CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-OCH_2CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-OCH_2CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-OCH_2CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-OCH_2CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzooxazolyl group; R_8 is *-tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is *-tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is *-tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is *-tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is *-tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is *-tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is *-tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzooxazolyl group; and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the

cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzooxazolyl group; and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzooxazolyl group; and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzooxazolyl group; and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzooxazolyl group; and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzooxazolyl group; and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzooxazolyl group; and s is 1. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl, -F -Br, or -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is CH_3; R_1 is -Cl, -F -Br, or -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl, -F, -Br, or -I, Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

n another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -*tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -*tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -*tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -*tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group, V is CH; m is 0, and Ar^2 is a benzooxazolyl group.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzooxazolyl group; and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is a benzooxazolyl group; and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzooxazolyl group; and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzooxazolyl group; and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is a benzooxazolyl group; and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzooxazolyl group; and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzooxazolyl group; and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is a benzooxazolyl group; R_8 s is 1; and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl, -F -Br, or -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl, -F -Br, or -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzooxazolyl group s is 1; and R_8 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl, -F, -Br, or -I, Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CF_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CF_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CF_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CF_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CF_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CF_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CF_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-OCH_2CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-OCH_2CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-OCH_2CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-OCH_2CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-OCH_2CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-OCH_2CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-OCH_2CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzooxazolyl group; R_8 is *-tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is *-tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is *-tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -*tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -*tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -*tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -*tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzooxazolyl group; and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzooxazolyl group; and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzooxazolyl group; and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzooxazolyl group; and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzooxazolyl group; and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzooxazolyl group; and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzooxazolyl group; and s is 1. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -halo. In another

embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -halo. In another embodiment, the

R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Br. In another embodiment, the

R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Br. In another embodiment,

the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl, -F -Br, or -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -F. In another embodiment, the

R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -F. In another embodiment, the

R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is CH_3; R_1 is -Cl, -F -Br, or -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is -CH_3; R_1 is -F; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is -CH_3; R_1 is -Cl; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is -CH_3; R_1 is -Br; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Cl. In another embodiment, the

R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl, -F, -Br, or -I, Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -I. In another

embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -I. In another embodiment, the R_3

group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CH_3$. In another embodiment, the

R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CH_3$. In another embodiment,

the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CF_3$. In another embodiment,

the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-CF_3$. In another embodiment,

the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-OCH_2CH_3$. In another

embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is *-tert*-butyl. In

another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

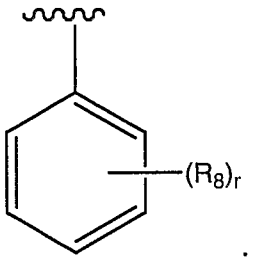
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is *-tert*-butyl. In another

embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

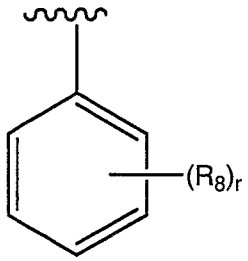
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a benzooxazolyl group; s is 1; and R_8 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, V is N, Ar^1 is a pyridyl group, m is 0, and Ar^2 is

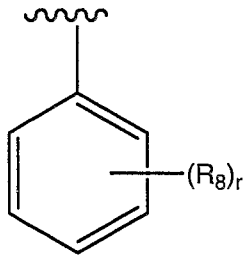


In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



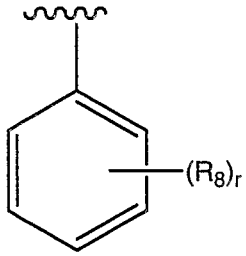
and r is 0.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is



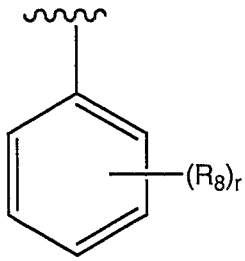
and r is 0.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is



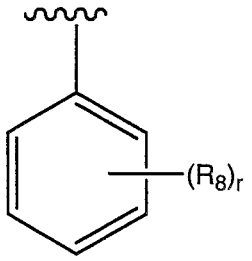
and r is 0.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is



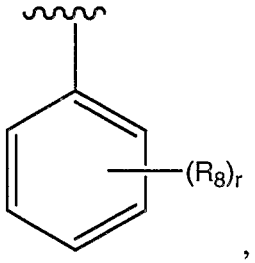
and r is 0.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is



and r is 0.

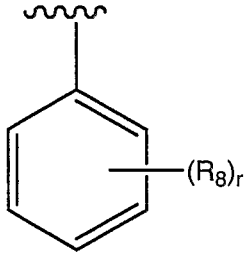
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is



,

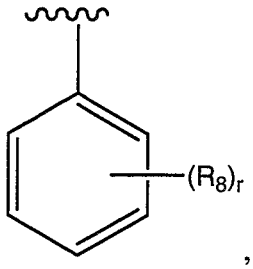
and r is 0.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is



and r is 0.

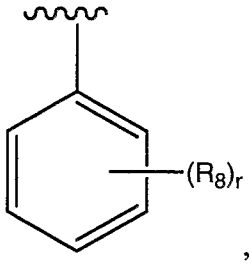
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



,

r is 1 and R_8 is -halo. In another embodiment, R_8 is at the 4-position of the phenyl ring.

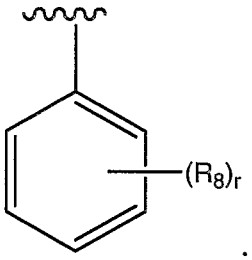
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is



,

r is 1 and R_8 is -halo.

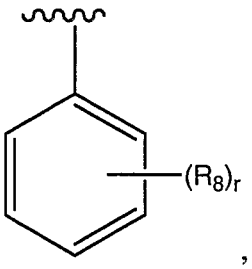
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is



.

r is 1 and R_8 is -halo. In another embodiment, R_8 is at the 4-position of the phenyl ring.

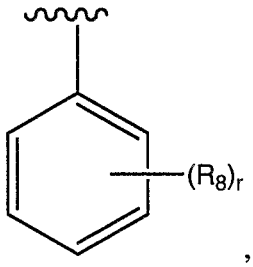
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is



,

r is 1 and R_8 is -halo. In another embodiment, R_8 is at the 4-position of the phenyl ring.

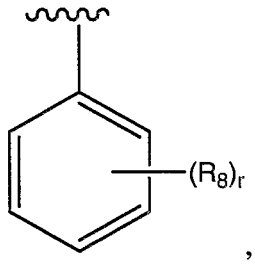
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is



,

r is 1 and R_8 is -halo. In another embodiment, R_8 is at the 4-position of the phenyl ring.

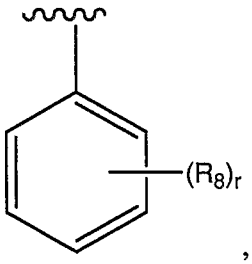
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is



,

r is 1 and R_8 is -halo. In another embodiment, R_8 is at the 4-position of the phenyl ring.

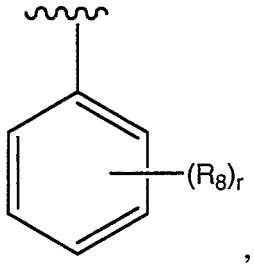
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is



,

r is 1 and R_8 is -halo. In another embodiment, R_8 is at the 4-position of the phenyl ring.

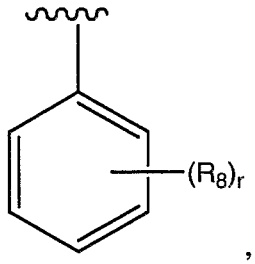
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



,

r is 1 and R_8 is -Br. In another embodiment, R_8 is at the 4-position of the phenyl ring.

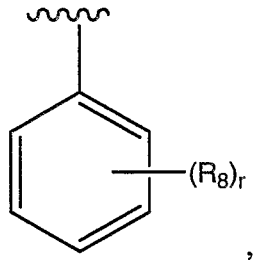
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is



,

r is 1 and R_8 is -Br. In another embodiment, R_8 is at the 4-position of the phenyl ring.

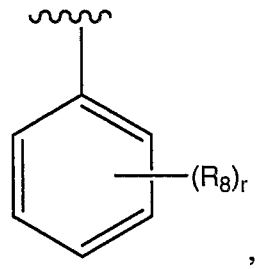
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is



,

r is 1 and R_8 is -Br. In another embodiment, R_8 is at the 4-position of the phenyl ring.

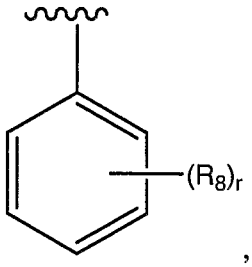
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is



,

r is 1 and R_8 is -Br. In another embodiment, R_8 is at the 4-position of the phenyl ring.

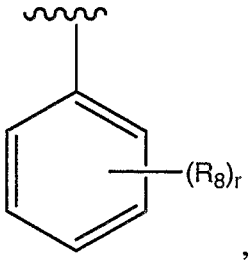
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is



,

r is 1 and R_8 is -Br. In another embodiment, R_8 is at the 4-position of the phenyl ring.

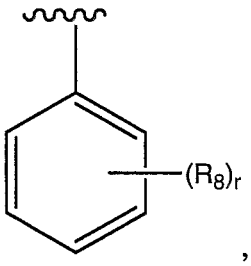
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is



,

r is 1 and R_8 is -Br. In another embodiment, R_8 is at the 4-position of the phenyl ring.

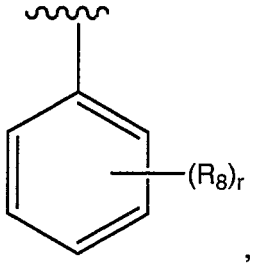
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is



,

r is 1 and R_8 is -Br. In another embodiment, R_8 is at the 4-position of the phenyl ring.

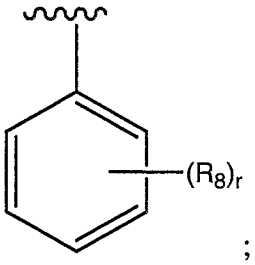
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl, -F -Br, or -I; Ar^2 is



,

r is 1 and R_8 is -F. In another embodiment, R_8 is at the 4-position of the phenyl ring.

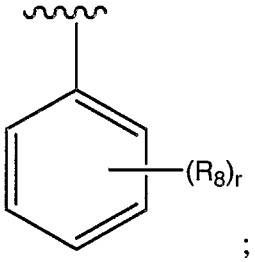
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is



;

r is 1 and R_8 is -F. In another embodiment, R_8 is at the 4-position of the phenyl ring

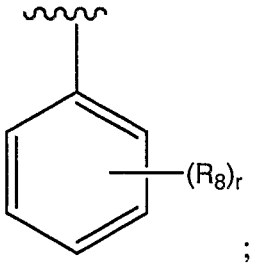
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is



;

r is 1 and R_8 is -F. In another embodiment, R_8 is at the 4-position of the phenyl ring.

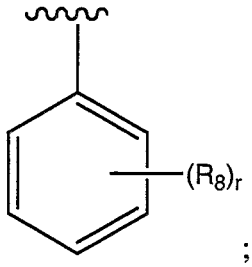
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is



;

r is 1 and R_8 is -F. In another embodiment, R_8 is at the 4-position of the phenyl ring.

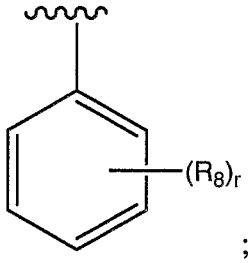
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is



;

r is 1 and R_8 is -F. In another embodiment, R_8 is at the 4-position of the phenyl ring.

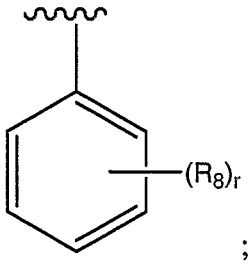
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is



;

r is 1 and R_8 is -F. In another embodiment, R_8 is at the 4-position of the phenyl ring.

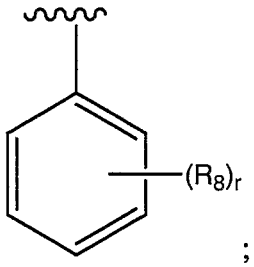
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is



;

r is 1 and R_8 is -F. In another embodiment, R_8 is at the 4-position of the phenyl ring.

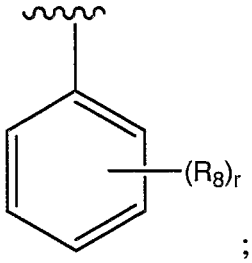
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl, -F -Br, or -I; Ar^2 is



;

r is 1 and R_8 is -Cl. In another embodiment, R_8 is at the 4-position of the phenyl ring.

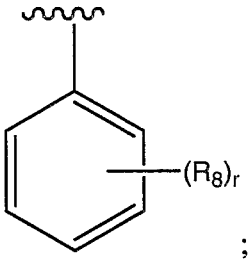
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is



;

r is 1 and R_8 is -Cl. In another embodiment, R_8 is at the 4-position of the phenyl ring.

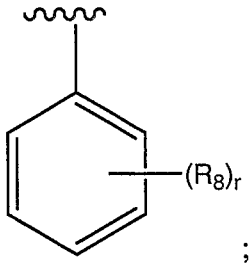
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is



;

r is 1 and R_8 is -Cl. In another embodiment, R_8 is at the 4-position of the phenyl ring.

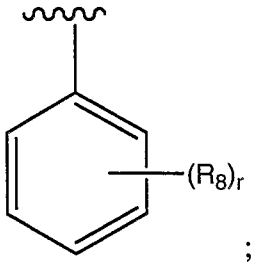
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is



;

r is 1 and R_8 is -Cl. In another embodiment, R_8 is at the 4-position of the phenyl ring.

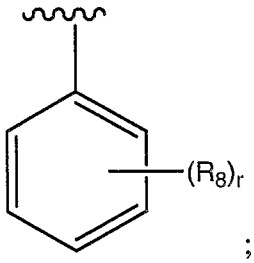
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is



;

r is 1 and R_8 is -Cl. In another embodiment, R_8 is at the 4-position of the phenyl ring.

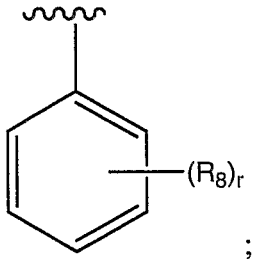
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -CH_3; Ar^2 is



;

r is 1 and R_8 is -Cl. In another embodiment, R_8 is at the 4-position of the phenyl ring.

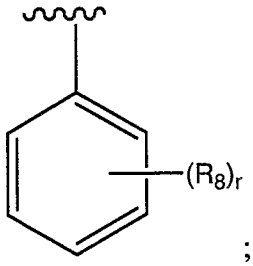
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -CF_3; Ar^2 is



;

r is 1 and R_8 is chloro. In another embodiment, R_8 is at the 4-position of the phenyl ring.

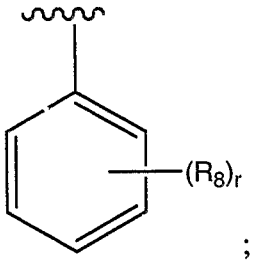
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl, -F, -Br, or -I, Ar^2 is



;

r is 1 and R_8 is -I. In another embodiment, R_8 is at the 4-position of the phenyl ring.

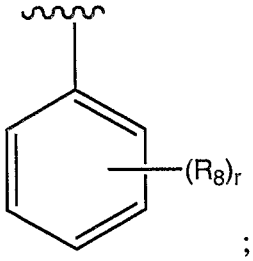
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is



;

r is 1 and R_8 is -I. In another embodiment, R_8 is at the 4-position of the phenyl ring.

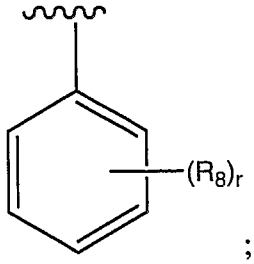
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is



;

r is 1 and R_8 is -I. In another embodiment, R_8 is at the 4-position of the phenyl ring.

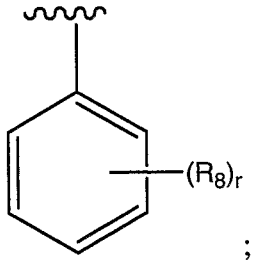
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is



;

r is 1 and R_8 is -I. In another embodiment, R_8 is at the 4-position of the phenyl ring.

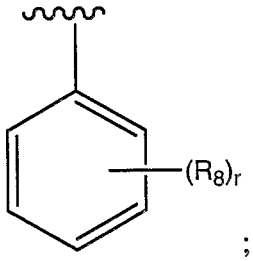
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is



;

r is 1 and R_8 is -I. In another embodiment, R_8 is at the 4-position of the phenyl ring.

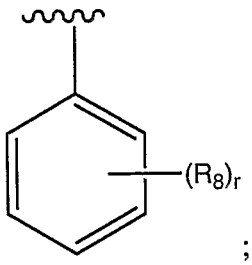
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is



;

r is 1 and R_8 is -I. In another embodiment, R_8 is at the 4-position of the phenyl ring.

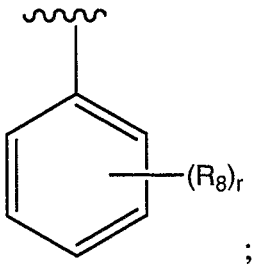
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is



;

r is 1 and R_8 is -I. In another embodiment, R_8 is at the 4-position of the phenyl ring.

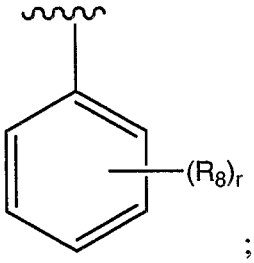
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



;

r is 1 and R_8 is $-CH_3$. In another embodiment, R_8 is at the 4-position of the phenyl ring.

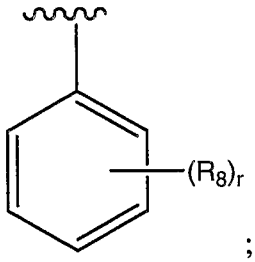
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is



;

r is 1 and R_8 is $-CH_3$. In another embodiment, R_8 is at the 4-position of the phenyl ring.

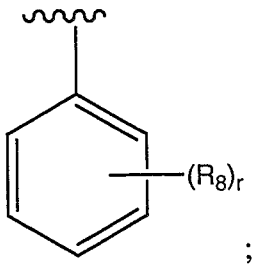
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is



;

r is 1 and R_8 is $-CH_3$. In another embodiment, R_8 is at the 4-position of the phenyl ring.

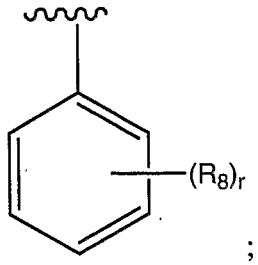
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is



;

r is 1 and R_8 is $-CH_3$. In another embodiment, R_8 is at the 4-position of the phenyl ring.

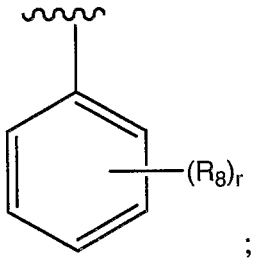
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is



;

r is 1 and R_8 is $-CH_3$. In another embodiment, R_8 is at the 4-position of the phenyl ring.

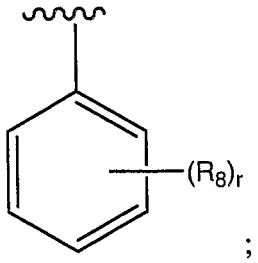
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is



;

r is 1 and R_8 is $-CH_3$. In another embodiment, R_8 is at the 4-position of the phenyl ring.

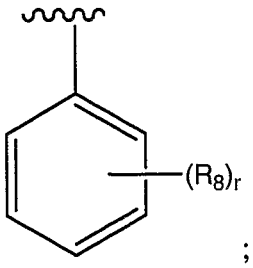
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is



;

r is 1 and R_8 is $-CH_3$. In another embodiment, R_8 is at the 4-position of the phenyl ring.

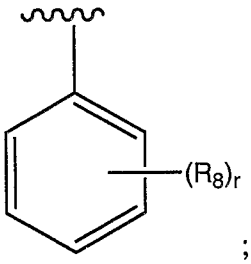
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



;

r is 1 and R_8 is $-CF_3$. In another embodiment, R_8 is at the 4-position of the phenyl ring.

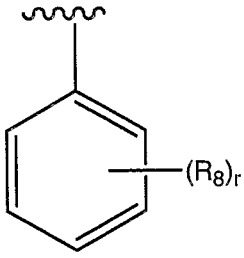
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is



;

r is 1 and R_8 is $-CF_3$. In another embodiment, R_8 is at the 4-position of the phenyl ring.

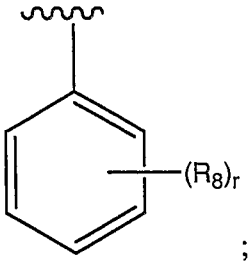
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is



;

r is 1 and R_8 is $-CF_3$. In another embodiment, R_8 is at the 4-position of the phenyl ring.

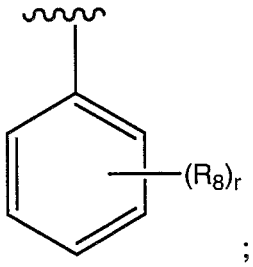
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is



;

r is 1 and R_8 is $-CF_3$. In another embodiment, R_8 is at the 4-position of the phenyl ring.

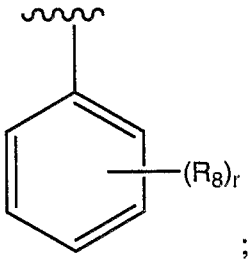
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is



;

r is 1 and R_8 is $-CF_3$. In another embodiment, R_8 is at the 4-position of the phenyl ring.

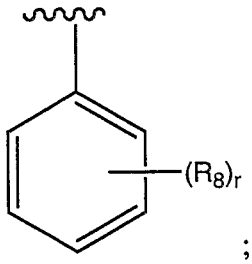
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is



;

r is 1 and R_8 is $-CF_3$. In another embodiment, R_8 is at the 4-position of the phenyl ring.

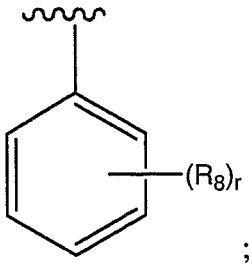
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is



;

r is 1 and R_8 is $-CF_3$. In another embodiment, R_8 is at the 4-position of the phenyl ring.

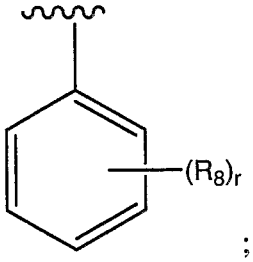
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



;

r is 1 and R_8 is $-OCH_2CH_3$. In another embodiment, R_8 is at the 4-position of the phenyl ring.

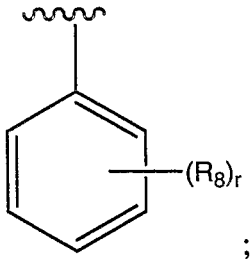
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is



;

r is 1 and R_8 is $-OCH_2CH_3$. In another embodiment, R_8 is at the 4-position of the phenyl ring.

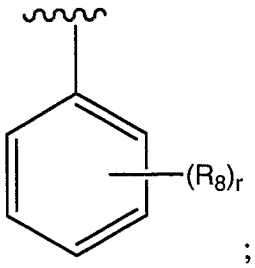
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is



;

r is 1 and R_8 is $-OCH_2CH_3$. In another embodiment, R_8 is at the 4-position of the phenyl ring.

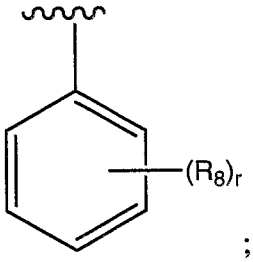
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is



;

r is 1 and R_8 is $-OCH_2CH_3$. In another embodiment, R_8 is at the 4-position of the phenyl ring.

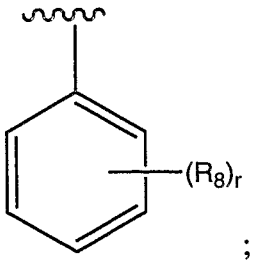
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is



;

r is 1 and R_8 is $-OCH_2CH_3$. In another embodiment, R_8 is at the 4-position of the phenyl ring.

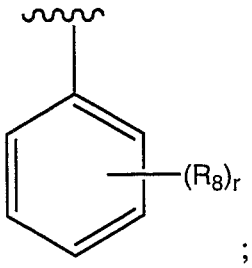
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is



;

r is 1 and R_8 is $-OCH_2CH_3$. In another embodiment, R_8 is at the 4-position of the phenyl ring.

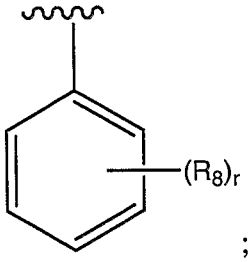
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is



;

r is 1 and R_8 is $-OCH_2CH_3$. In another embodiment, R_8 is at the 4-position of the phenyl ring.

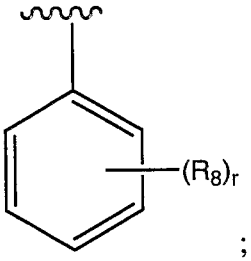
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



;

r is 1 and R_8 is *-tert*-butyl. In another embodiment, R_8 is at the 4-position of the phenyl ring.

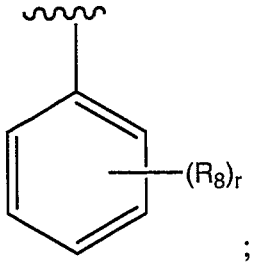
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is



;

r is 1 and R_8 is *-tert*-butyl. In another embodiment, R_8 is at the 4-position of the phenyl ring.

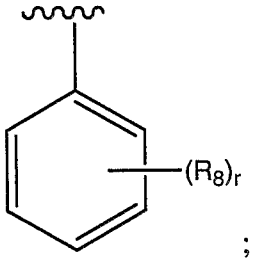
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is



;

r is 1 and R_8 is -*tert*-butyl. In another embodiment, R_8 is at the 4-position of the phenyl ring.

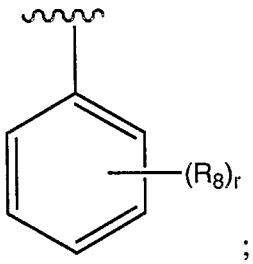
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is



;

r is 1 and R_8 is -*tert*-butyl. In another embodiment, R_8 is at the 4-position of the phenyl ring.

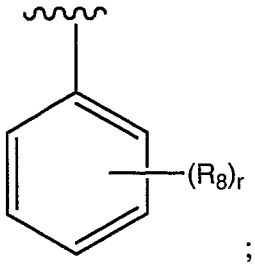
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is



;

r is 1 and R_8 is -*tert*-butyl. In another embodiment, R_8 is at the 4-position of the phenyl ring.

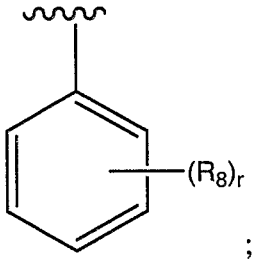
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is



;

r is 1 and R_8 is -*tert*-butyl. In another embodiment, R_8 is at the 4-position of the phenyl ring.

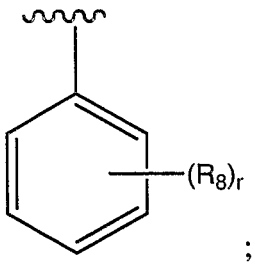
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is



;

r is 1 and R_8 is -*tert*-butyl. In another embodiment, R_8 is at the 4-position of the phenyl ring.

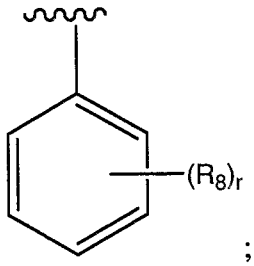
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



;

and r is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

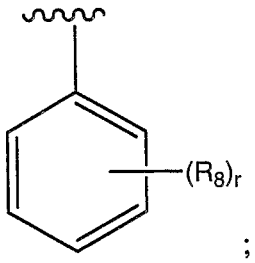
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is



;

and r is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

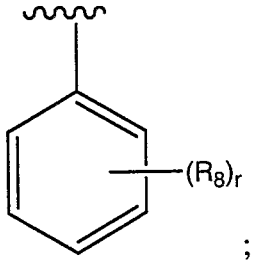
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is



;

and r is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

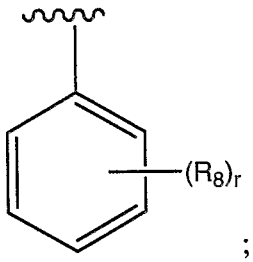
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is



;

and r is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

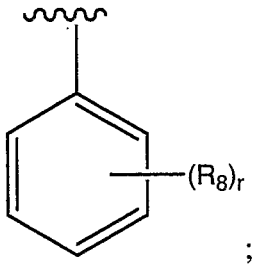
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is



;

and r is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

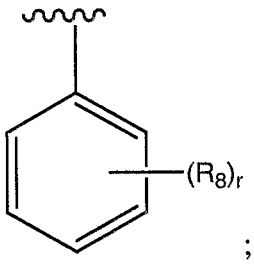
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is



;

and r is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

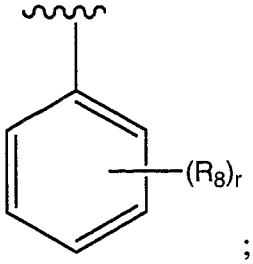
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is



;

and r is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

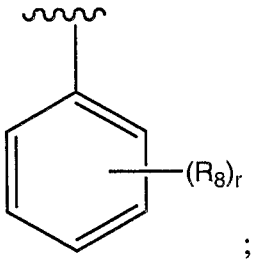
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



;

r is 1 and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

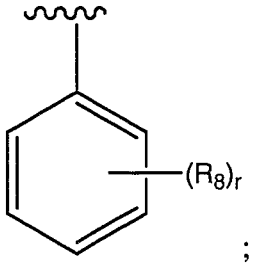
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is



;

r is 1 and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

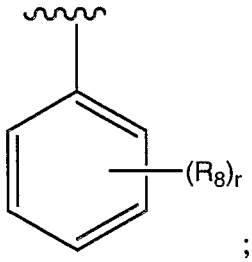
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is



;

r is 1 and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

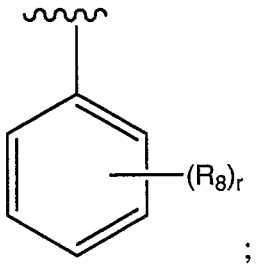
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is



;

r is 1 and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

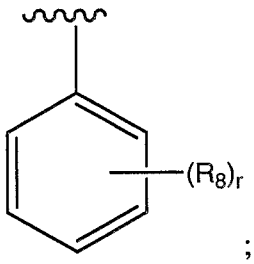
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is



;

r is 1 and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

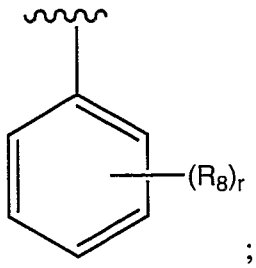
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is



;

r is 1 and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

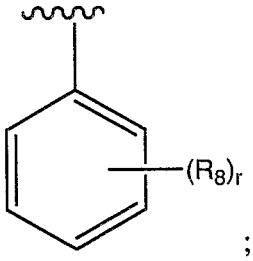
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is



;

r is 1 and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

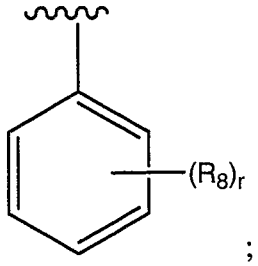
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



;

r is 1 and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

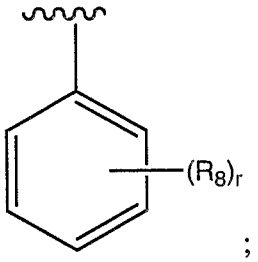
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is



;

r is 1 and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

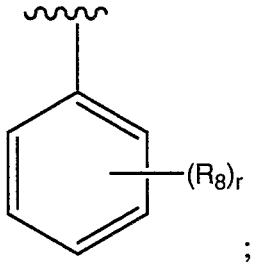
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is



;

r is 1 and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

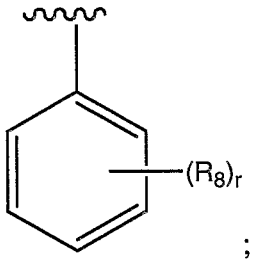
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is



;

r is 1 and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

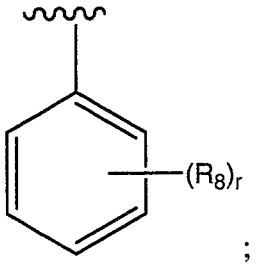
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is



;

r is 1 and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

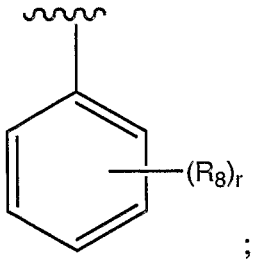
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is



;

r is 1 and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

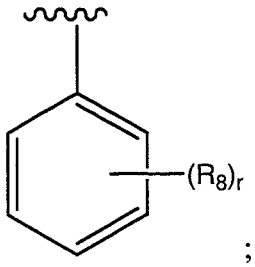
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is



;

r is 1 and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

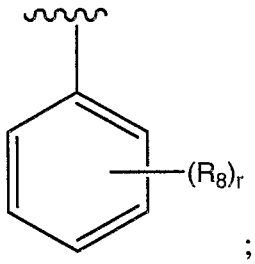
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl, -F -Br, or -I; Ar^2 is



;

r is 1 and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

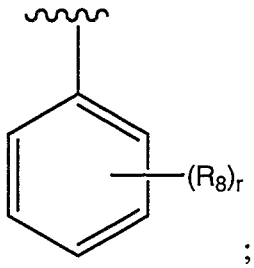
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is



;

r is 1 and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

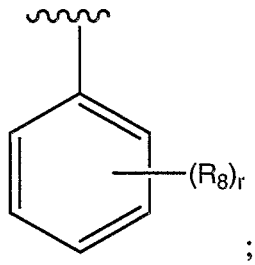
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is



;

r is 1 and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

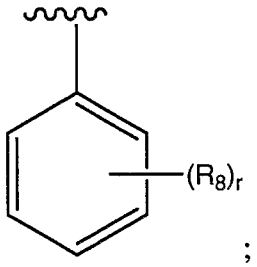
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is



;

r is 1 and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

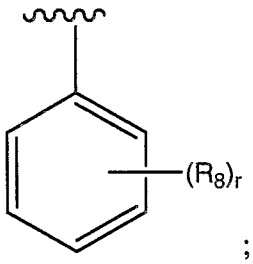
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is



;

r is 1 and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

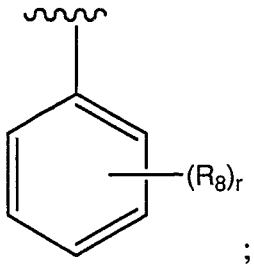
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$, Ar^2 is



;

r is 1 and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

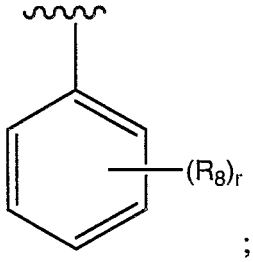
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is



;

r is 1 and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

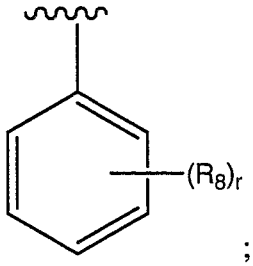
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is CH_3; R_1 is -Cl, -F -Br, or -I; Ar^2 is



;

r is 1 and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

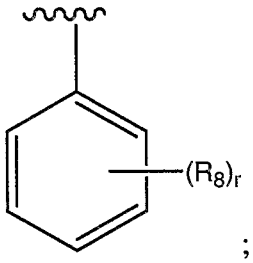
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is



;

r is 1 and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

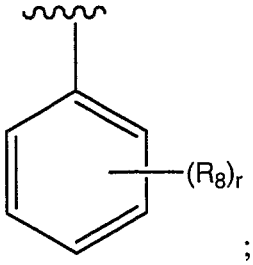
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is



;

r is 1 and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

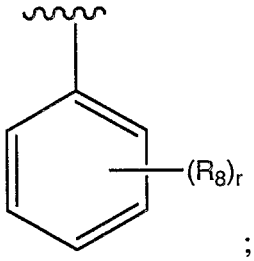
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is



;

r is 1 and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

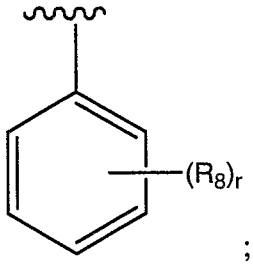
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is



;

r is 1 and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

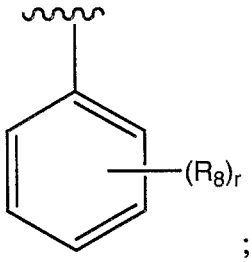
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$, Ar^2 is



;

r is 1 and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

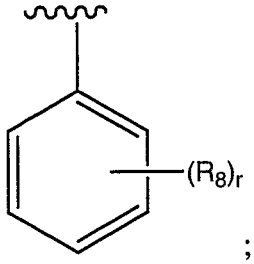
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is



;

r is 1 and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

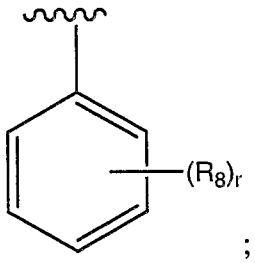
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl, -F, -Br, or -I, Ar^2 is



;

r is 1; and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

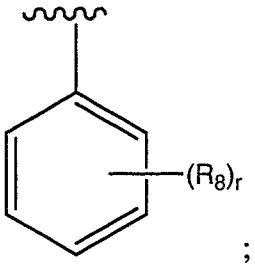
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is



;

r is 1 and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

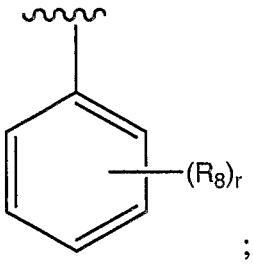
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is



;

r is 1 and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

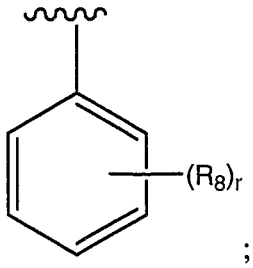
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is



;

r is 1 and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

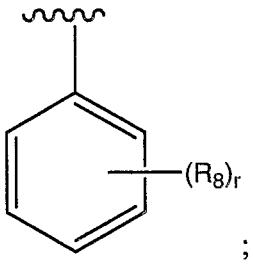
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is



;

r is 1 and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

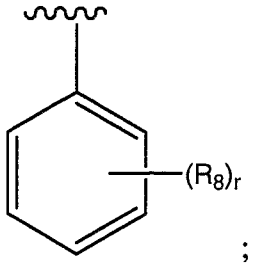
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -CH3; Ar^2 is



;

r is 1 and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

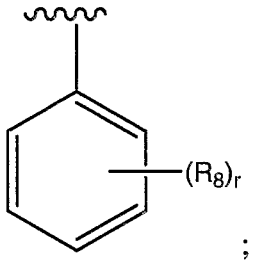
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is



;

r is 1 and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

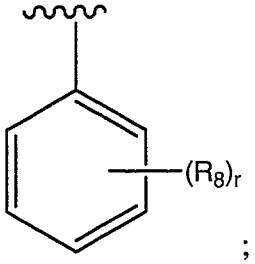
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



;

r is 1 and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

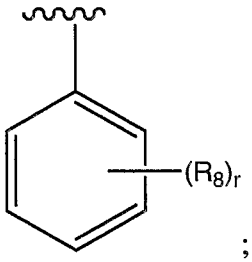
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is



;

r is 1 and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

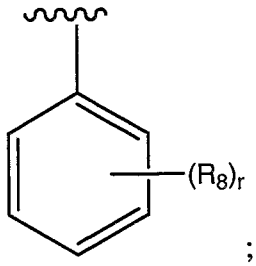
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is



;

r is 1 and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

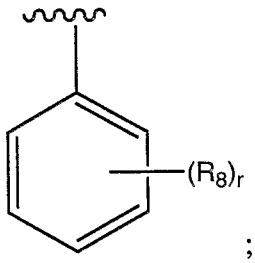
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is



;

r is 1 and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

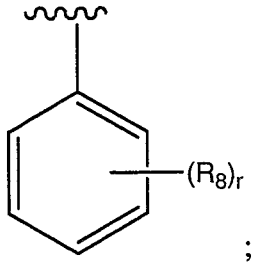
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is



;

r is 1 and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

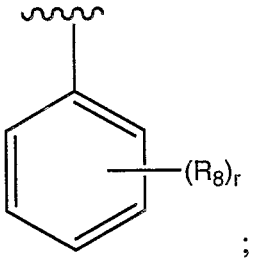
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is



;

r is 1 and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

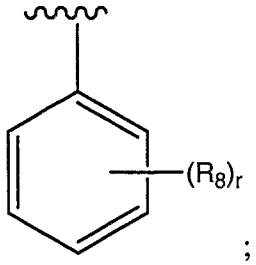
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is



;

r is 1 and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

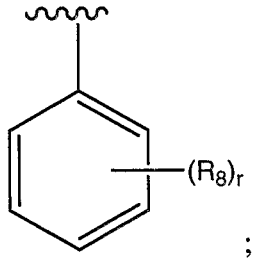
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



;

r is 1 and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

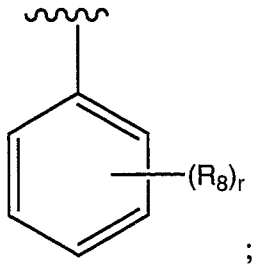
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is



;

r is 1 and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

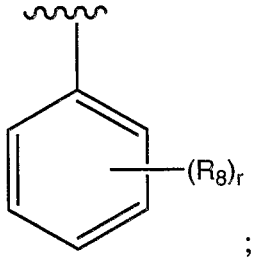
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is



;

r is 1 and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

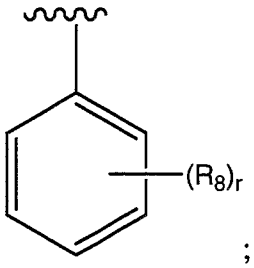
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is



;

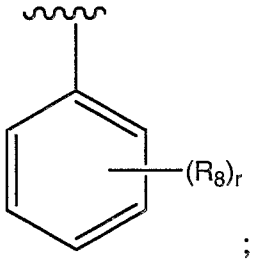
r is 1 and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is



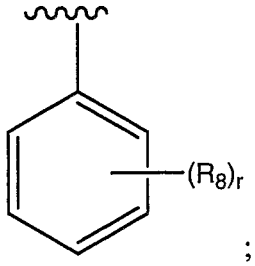
r is 1 and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is



r is 1 and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

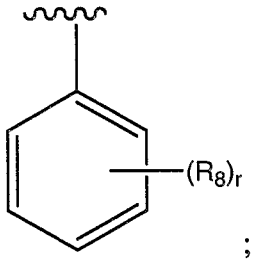
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is



;

r is 1 and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

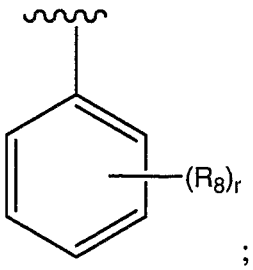
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



;

r is 1 and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

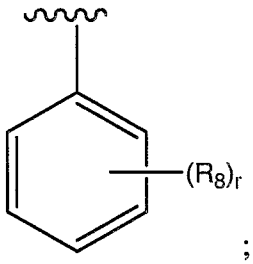
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is



;

r is 1 and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

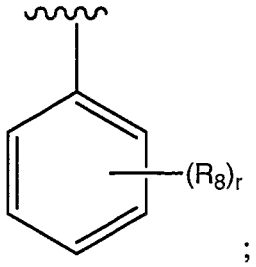
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is



;

r is 1 and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

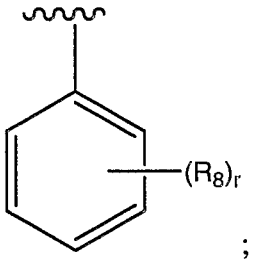
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is



;

r is 1 and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

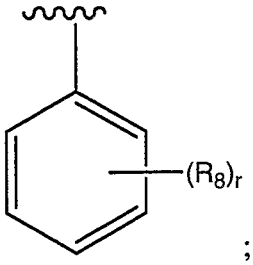
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is



;

r is 1 and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

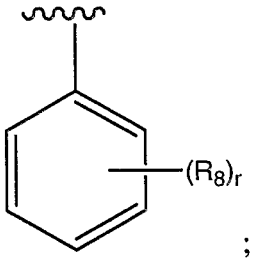
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is



;

r is 1 and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

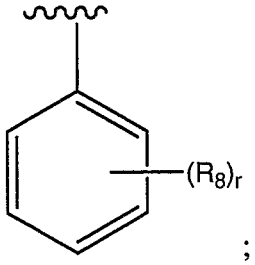
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is



;

r is 1 and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

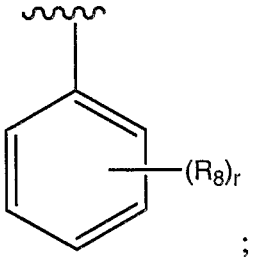
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



;

r is 1 and R_8 is -*tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

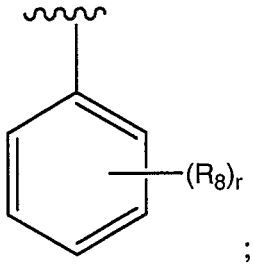
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is



;

r is 1 and R_8 is -*tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

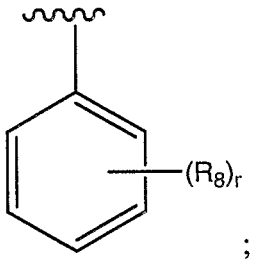
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is



;

r is 1 and R_8 is -*tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

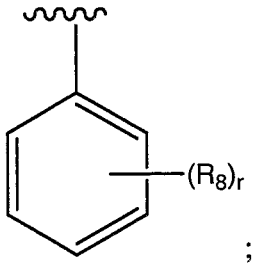
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is



;

r is 1 and R_8 is -*tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

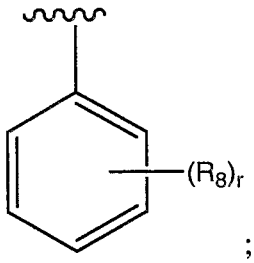
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is



;

r is 1 and R_8 is -*tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

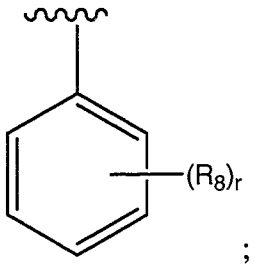
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is



;

r is 1 and R_8 is -*tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

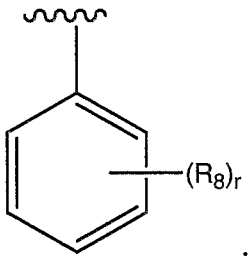
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is



;

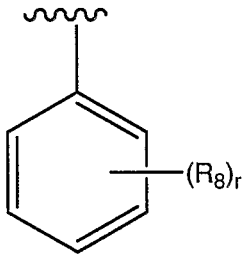
r is 1 and R_8 is -*tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

In another embodiment, V is CH, Ar^1 is a pyridyl group, m is 0, and Ar^2 is



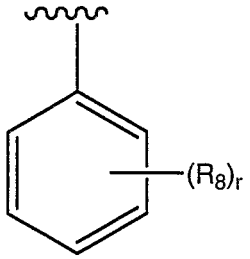
.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



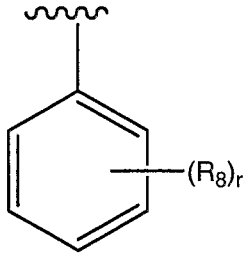
and r is 0.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is



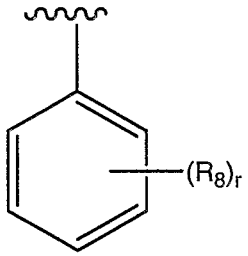
and r is 0.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is



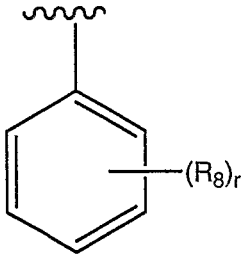
and r is 0.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is



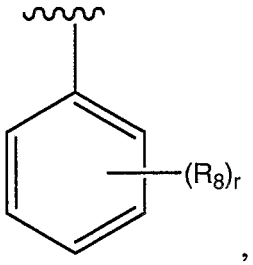
and r is 0.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is



and r is 0.

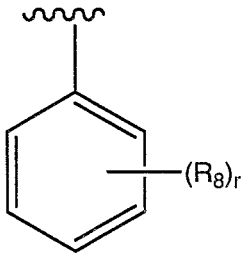
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is



,

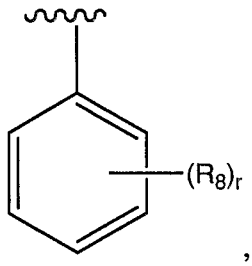
and r is 0.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is



and r is 0.

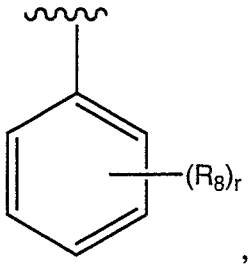
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



,

r is 1 and R_8 is -halo. In another embodiment, R_8 is at the 4-position of the phenyl ring.

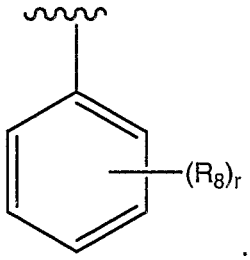
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is



,

r is 1 and R_8 is -halo.

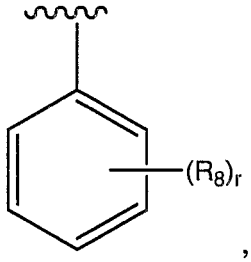
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is



.

r is 1 and R_8 is -halo. In another embodiment, R_8 is at the 4-position of the phenyl ring.

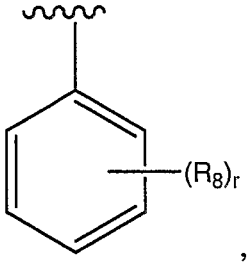
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is



,

r is 1 and R_8 is -halo. In another embodiment, R_8 is at the 4-position of the phenyl ring.

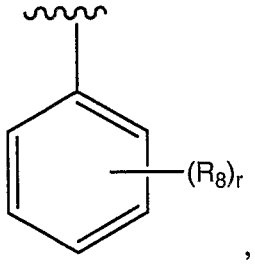
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is



,

r is 1 and R_8 is -halo. In another embodiment, R_8 is at the 4-position of the phenyl ring.

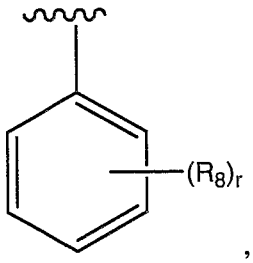
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is



,

r is 1 and R_8 is -halo. In another embodiment, R_8 is at the 4-position of the phenyl ring.

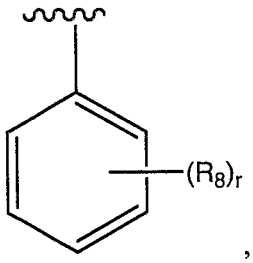
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is



,

r is 1 and R_8 is -halo. In another embodiment, R_8 is at the 4-position of the phenyl ring.

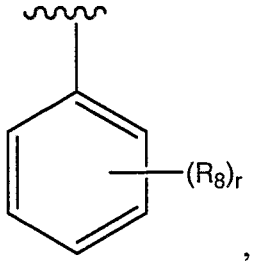
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



,

r is 1 and R_8 is -Br. In another embodiment, R_8 is at the 4-position of the phenyl ring.

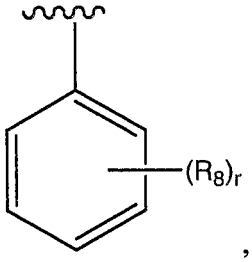
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is



,

r is 1 and R_8 is -Br. In another embodiment, R_8 is at the 4-position of the phenyl ring.

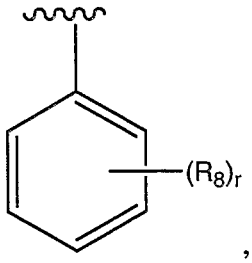
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is



,

r is 1 and R_8 is -Br. In another embodiment, R_8 is at the 4-position of the phenyl ring.

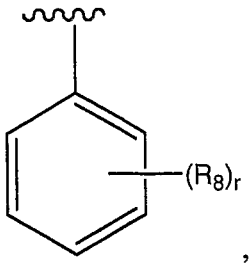
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is



,

r is 1 and R_8 is -Br. In another embodiment, R_8 is at the 4-position of the phenyl ring.

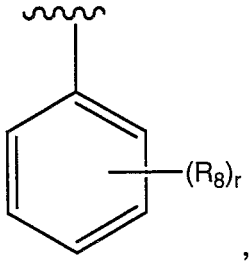
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is



,

r is 1 and R_8 is -Br. In another embodiment, R_8 is at the 4-position of the phenyl ring.

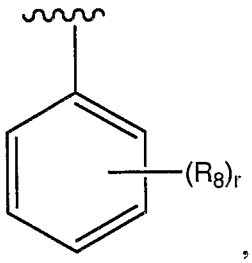
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is



,

r is 1 and R_8 is -Br. In another embodiment, R_8 is at the 4-position of the phenyl ring.

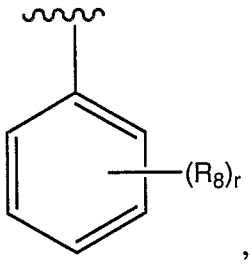
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is



,

r is 1 and R_8 is -Br. In another embodiment, R_8 is at the 4-position of the phenyl ring.

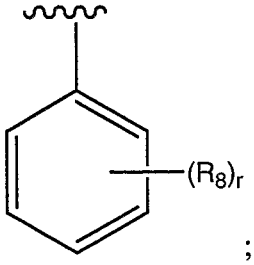
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl, -F -Br, or -I; Ar^2 is



,

r is 1 and R_8 is -F. In another embodiment, R_8 is at the 4-position of the phenyl ring.

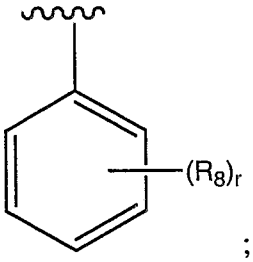
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is



;

r is 1 and R_8 is -F. In another embodiment, R_8 is at the 4-position of the phenyl ring

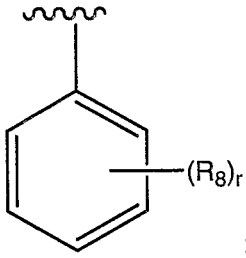
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is



;

r is 1 and R_8 is -F. In another embodiment, R_8 is at the 4-position of the phenyl ring.

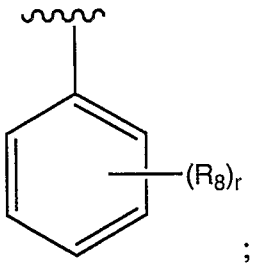
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is



;

r is 1 and R_8 is -F. In another embodiment, R_8 is at the 4-position of the phenyl ring.

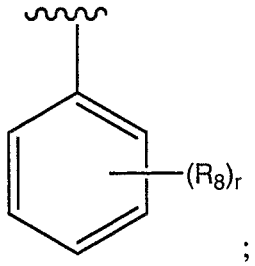
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is



;

r is 1 and R_8 is -F. In another embodiment, R_8 is at the 4-position of the phenyl ring.

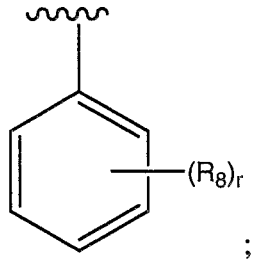
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is



;

r is 1 and R_8 is -F. In another embodiment, R_8 is at the 4-position of the phenyl ring.

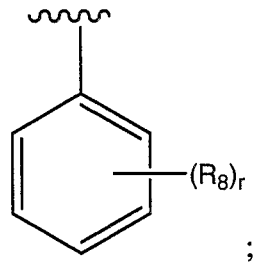
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is



;

r is 1 and R_8 is -F. In another embodiment, R_8 is at the 4-position of the phenyl ring.

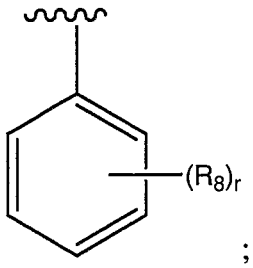
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl, -F -Br, or -I; Ar^2 is



;

r is 1 and R_8 is -Cl. In another embodiment, R_8 is at the 4-position of the phenyl ring.

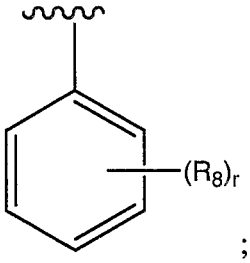
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is



;

r is 1 and R_8 is -Cl. In another embodiment, R_8 is at the 4-position of the phenyl ring.

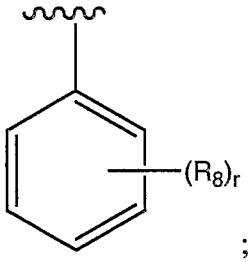
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is



;

r is 1 and R_8 is -Cl. In another embodiment, R_8 is at the 4-position of the phenyl ring.

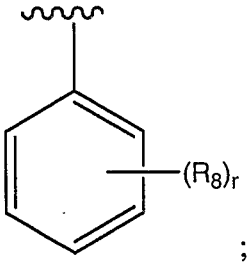
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is



;

r is 1 and R_8 is -Cl. In another embodiment, R_8 is at the 4-position of the phenyl ring.

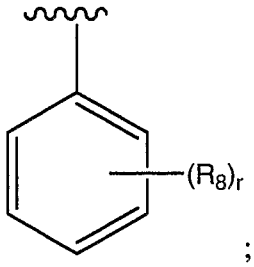
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is



;

r is 1 and R_8 is -Cl. In another embodiment, R_8 is at the 4-position of the phenyl ring.

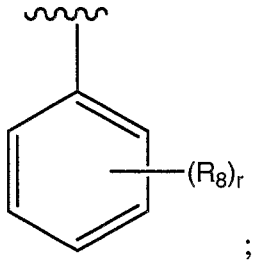
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is



;

r is 1 and R_8 is -Cl. In another embodiment, R_8 is at the 4-position of the phenyl ring.

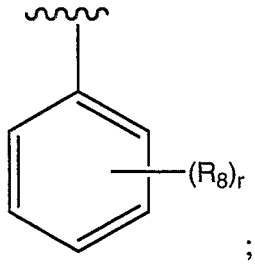
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is



;

r is 1 and R_8 is chloro. In another embodiment, R_8 is at the 4-position of the phenyl ring.

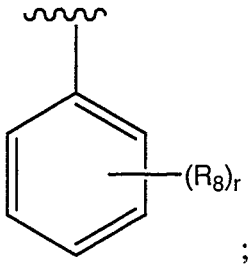
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl, -F, -Br, or -I, Ar^2 is



;

r is 1 and R_8 is -I. In another embodiment, R_8 is at the 4-position of the phenyl ring.

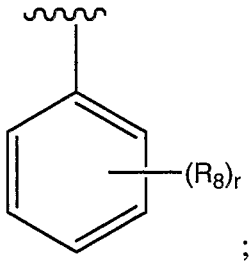
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is



;

r is 1 and R_8 is -I. In another embodiment, R_8 is at the 4-position of the phenyl ring.

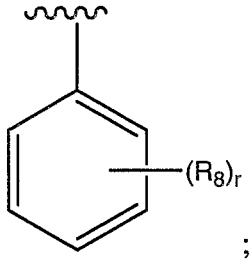
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is



;

r is 1 and R_8 is -I. In another embodiment, R_8 is at the 4-position of the phenyl ring.

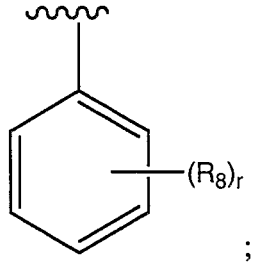
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is



;

r is 1 and R_8 is -I. In another embodiment, R_8 is at the 4-position of the phenyl ring.

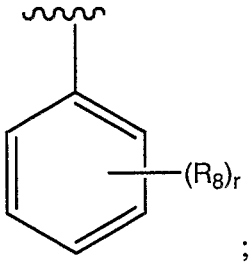
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is



;

r is 1 and R_8 is -I. In another embodiment, R_8 is at the 4-position of the phenyl ring.

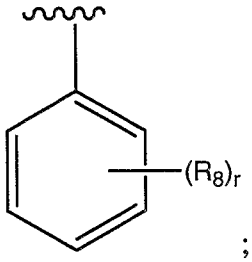
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is



;

r is 1 and R_8 is -I. In another embodiment, R_8 is at the 4-position of the phenyl ring.

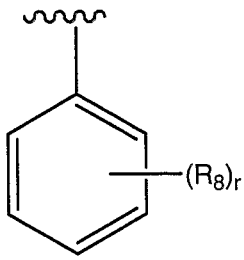
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is



;

r is 1 and R_8 is -I. In another embodiment, R_8 is at the 4-position of the phenyl ring.

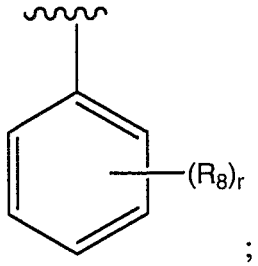
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



;

r is 1 and R_8 is $-CH_3$. In another embodiment, R_8 is at the 4-position of the phenyl ring.

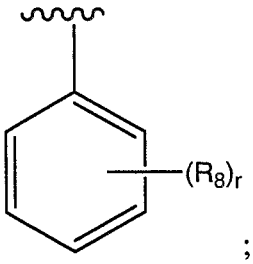
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is



;

r is 1 and R_8 is $-CH_3$. In another embodiment, R_8 is at the 4-position of the phenyl ring.

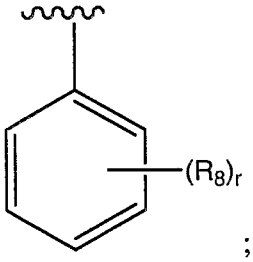
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is



;

r is 1 and R_8 is $-CH_3$. In another embodiment, R_8 is at the 4-position of the phenyl ring.

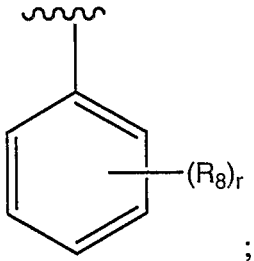
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is



;

r is 1 and R_8 is $-CH_3$. In another embodiment, R_8 is at the 4-position of the phenyl ring.

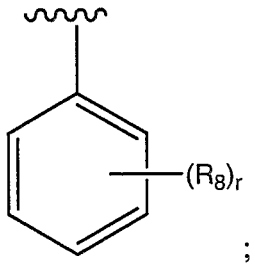
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is



;

r is 1 and R_8 is $-CH_3$. In another embodiment, R_8 is at the 4-position of the phenyl ring.

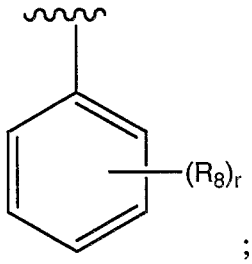
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is



;

r is 1 and R_8 is $-CH_3$. In another embodiment, R_8 is at the 4-position of the phenyl ring.

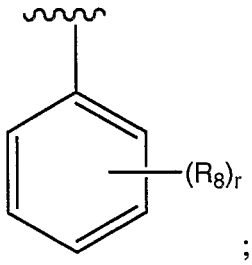
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is



;

r is 1 and R_8 is $-CH_3$. In another embodiment, R_8 is at the 4-position of the phenyl ring.

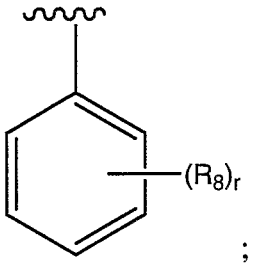
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



;

r is 1 and R_8 is $-CF_3$. In another embodiment, R_8 is at the 4-position of the phenyl ring.

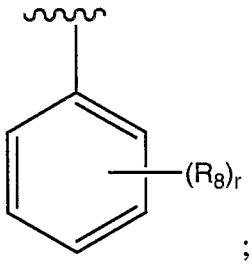
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is



;

r is 1 and R_8 is $-CF_3$. In another embodiment, R_8 is at the 4-position of the phenyl ring.

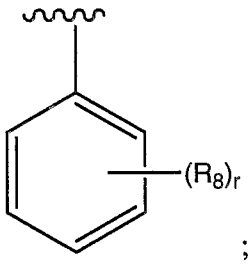
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is



;

r is 1 and R_8 is $-CF_3$. In another embodiment, R_8 is at the 4-position of the phenyl ring.

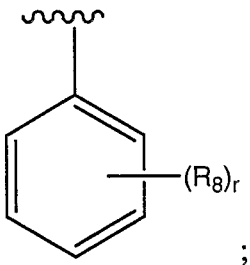
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is



;

r is 1 and R_8 is $-CF_3$. In another embodiment, R_8 is at the 4-position of the phenyl ring.

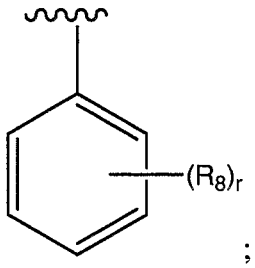
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is



;

r is 1 and R_8 is $-CF_3$. In another embodiment, R_8 is at the 4-position of the phenyl ring.

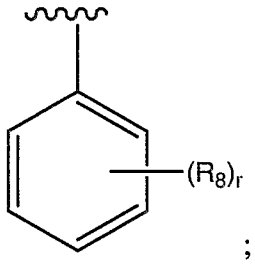
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is



;

r is 1 and R_8 is $-CF_3$. In another embodiment, R_8 is at the 4-position of the phenyl ring.

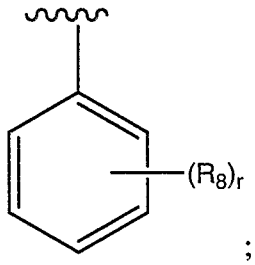
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is



;

r is 1 and R_8 is $-CF_3$. In another embodiment, R_8 is at the 4-position of the phenyl ring.

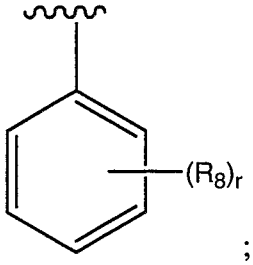
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



;

r is 1 and R_8 is $-OCH_2CH_3$. In another embodiment, R_8 is at the 4-position of the phenyl ring.

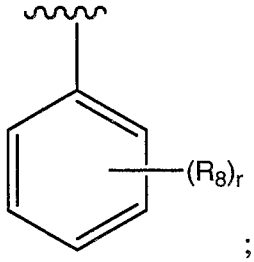
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is



;

r is 1 and R_8 is $-OCH_2CH_3$. In another embodiment, R_8 is at the 4-position of the phenyl ring.

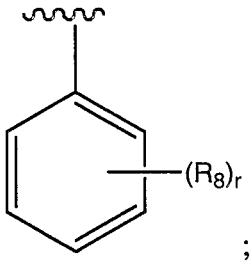
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is



;

r is 1 and R_8 is $-OCH_2CH_3$. In another embodiment, R_8 is at the 4-position of the phenyl ring.

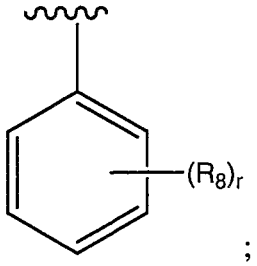
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is



;

r is 1 and R_8 is $-OCH_2CH_3$. In another embodiment, R_8 is at the 4-position of the phenyl ring.

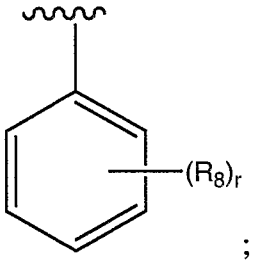
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is



;

r is 1 and R_8 is $-OCH_2CH_3$. In another embodiment, R_8 is at the 4-position of the phenyl ring.

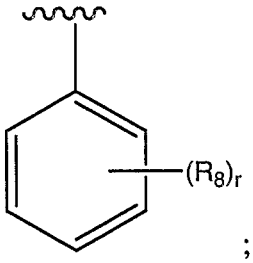
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is



;

r is 1 and R_8 is $-OCH_2CH_3$. In another embodiment, R_8 is at the 4-position of the phenyl ring.

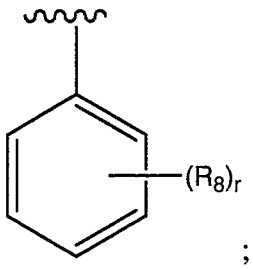
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is



;

r is 1 and R_8 is $-OCH_2CH_3$. In another embodiment, R_8 is at the 4-position of the phenyl ring.

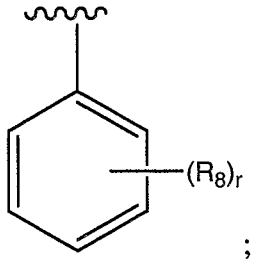
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



;

r is 1 and R_8 is -*tert*-butyl. In another embodiment, R_8 is at the 4-position of the phenyl ring.

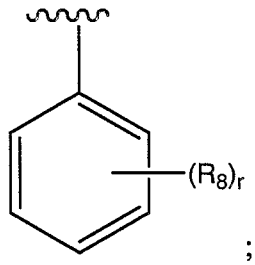
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is



;

r is 1 and R_8 is -*tert*-butyl. In another embodiment, R_8 is at the 4-position of the phenyl ring.

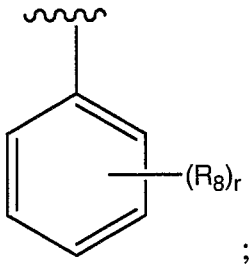
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is



;

r is 1 and R_8 is -*tert*-butyl. In another embodiment, R_8 is at the 4-position of the phenyl ring.

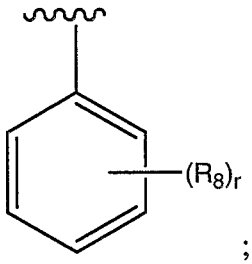
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is



;

r is 1 and R_8 is -*tert*-butyl. In another embodiment, R_8 is at the 4-position of the phenyl ring.

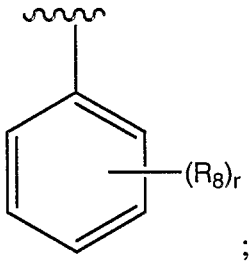
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is



;

r is 1 and R_8 is -*tert*-butyl. In another embodiment, R_8 is at the 4-position of the phenyl ring.

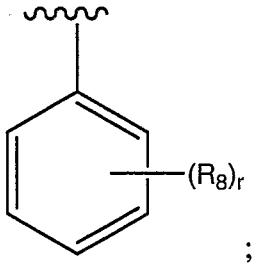
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -CH_3; Ar^2 is



;

r is 1 and R_8 is -*tert*-butyl. In another embodiment, R_8 is at the 4-position of the phenyl ring.

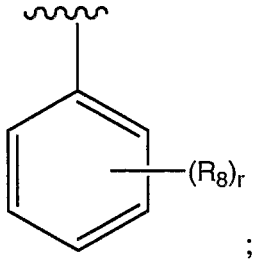
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -CF_3; Ar^2 is



;

r is 1 and R_8 is -*tert*-butyl. In another embodiment, R_8 is at the 4-position of the phenyl ring.

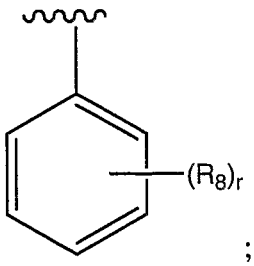
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



;

and r is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is

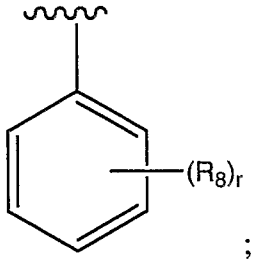


;

and r is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has

the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

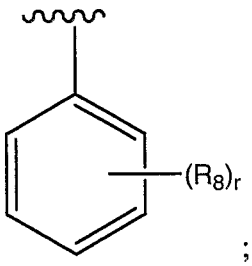
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is



;

and r is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is

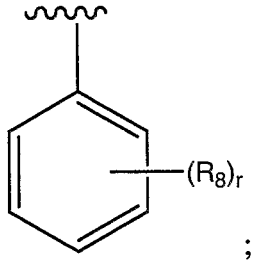


;

and r is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is

attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

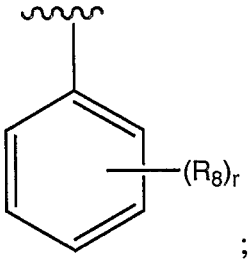
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is



;

and r is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is

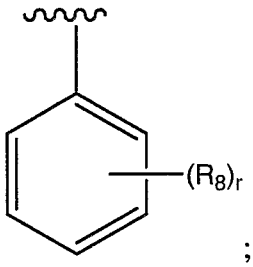


;

and r is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached

to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

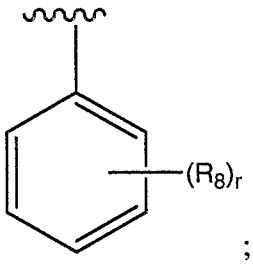
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is



;

and r is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

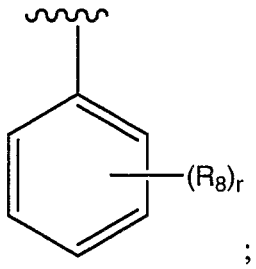
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



;

r is 1 and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

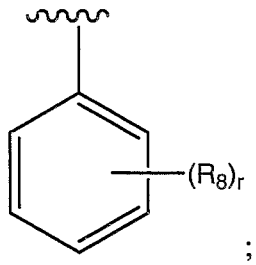
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is



;

r is 1 and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

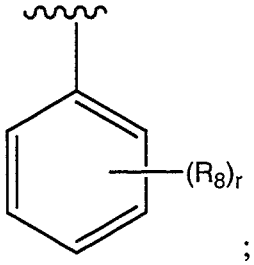
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is



;

r is 1 and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

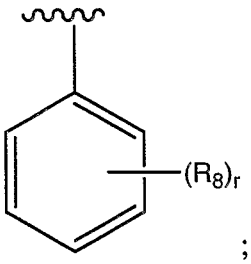
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is



;

r is 1 and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

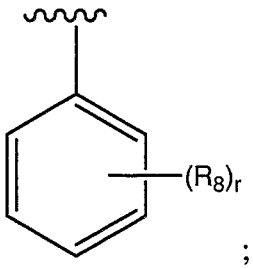
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is



;

r is 1 and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

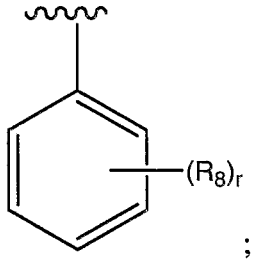
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is



;

r is 1 and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

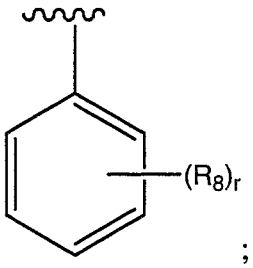
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is



;

r is 1 and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

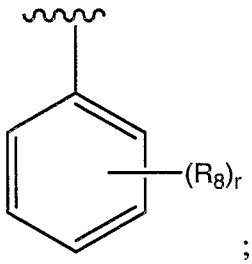
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



;

r is 1 and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

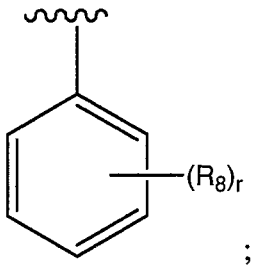
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is



;

r is 1 and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

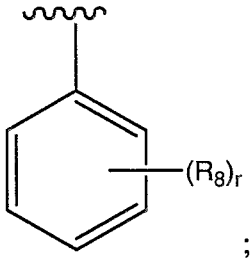
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is



;

r is 1 and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

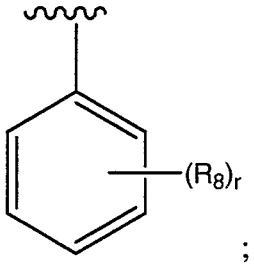
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is



;

r is 1 and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

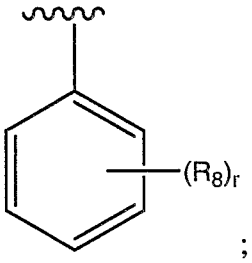
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is



;

r is 1 and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

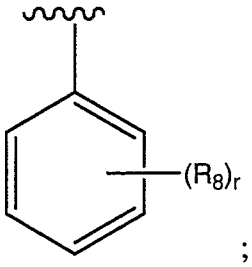
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is



;

r is 1 and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

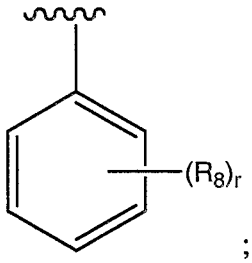
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is



;

r is 1 and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

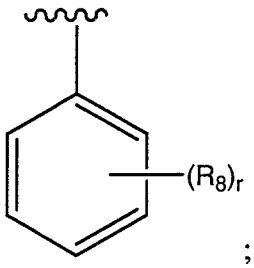
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl, -F -Br, or -I; Ar^2 is



;

r is 1 and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

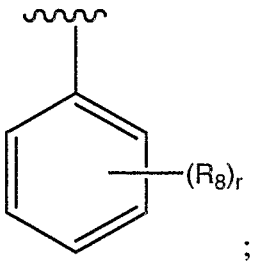
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is



;

r is 1 and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

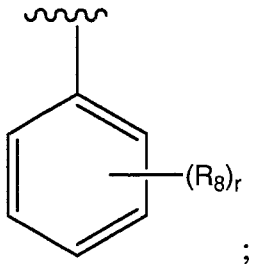
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is



;

r is 1 and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

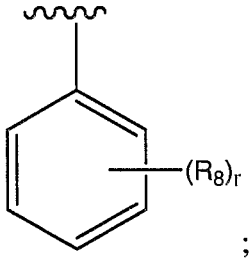
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is



;

r is 1 and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

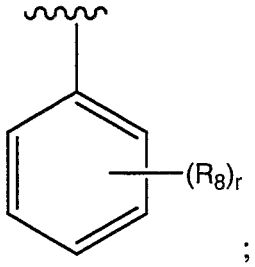
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is



;

r is 1 and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

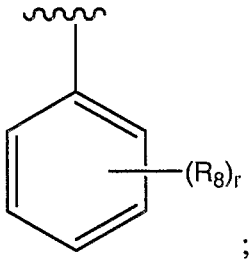
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is



;

r is 1 and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

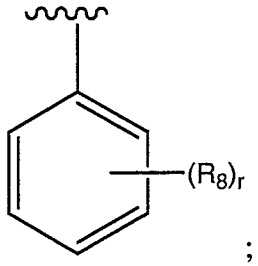
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is



;

r is 1 and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

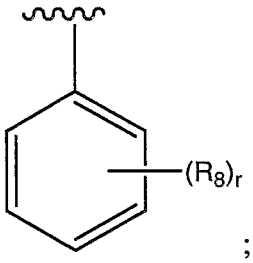
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is CH_3; R_1 is -Cl, -F -Br, or -I; Ar^2 is



;

r is 1 and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

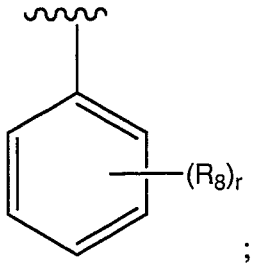
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is



;

r is 1 and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

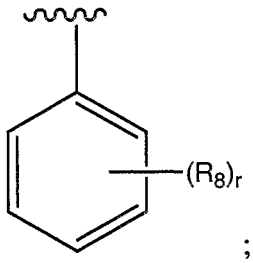
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is



;

r is 1 and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

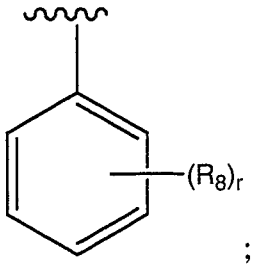
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is



;

r is 1 and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

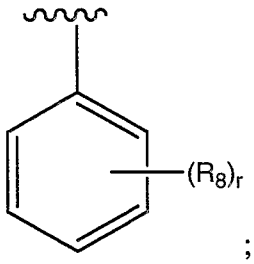
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is



;

r is 1 and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

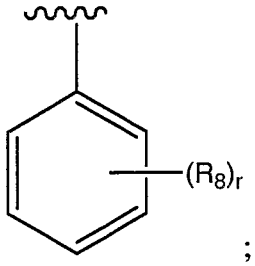
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is



;

r is 1 and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

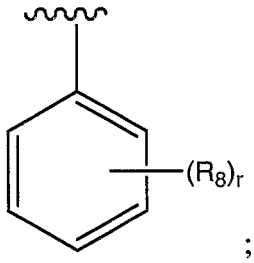
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is



;

r is 1 and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

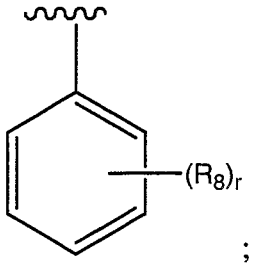
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl, -F, -Br, or -I, Ar^2 is



;

r is 1; and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

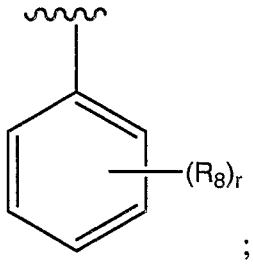
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is



;

r is 1 and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

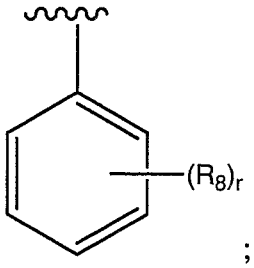
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is



;

r is 1 and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

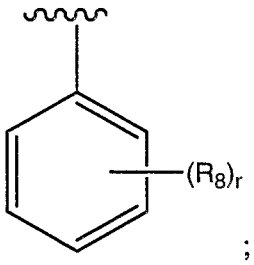
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is



;

r is 1 and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

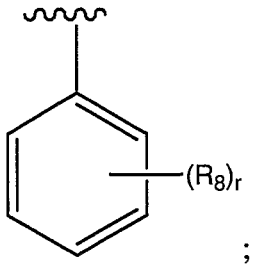
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is



;

r is 1 and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

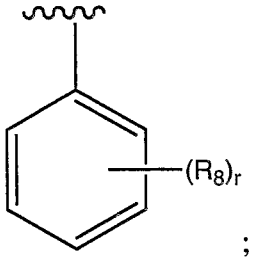
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is



;

r is 1 and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

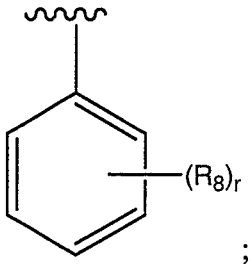
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is



;

r is 1 and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

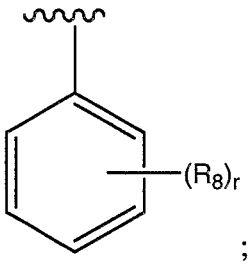
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



;

r is 1 and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

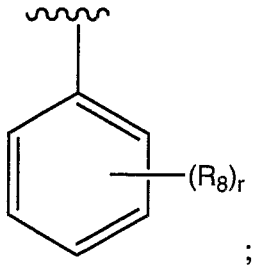
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is



;

r is 1 and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

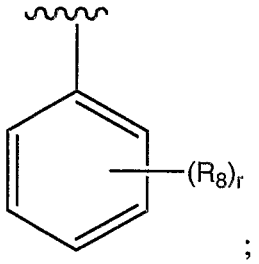
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is



;

r is 1 and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

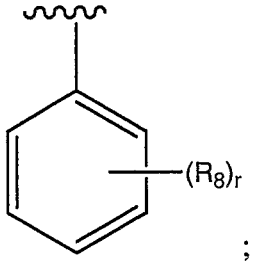
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is



;

r is 1 and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

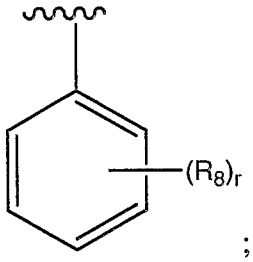
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is



;

r is 1 and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

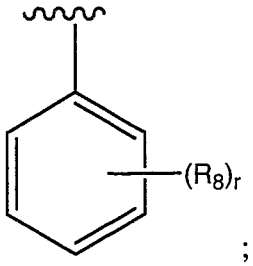
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is



;

r is 1 and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

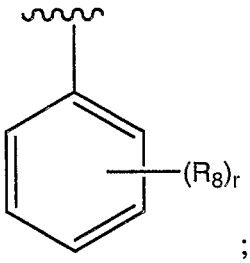
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is



;

r is 1 and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

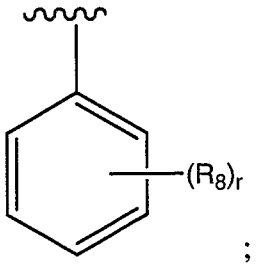
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



;

r is 1 and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

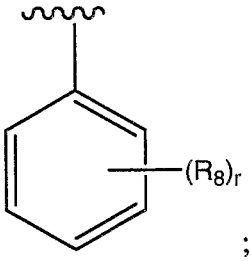
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is



;

r is 1 and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

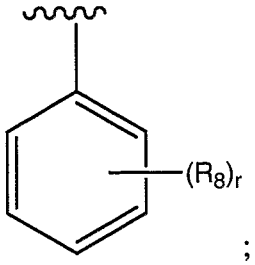
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is



;

r is 1 and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

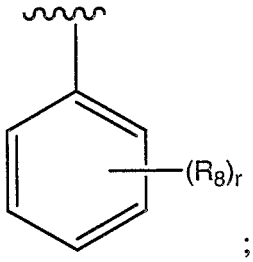
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is



;

r is 1 and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

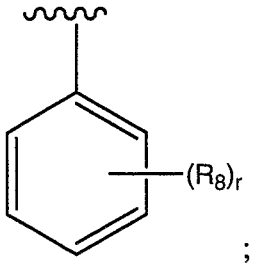
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is



;

r is 1 and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

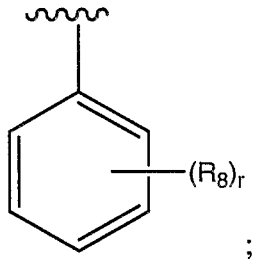
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is



;

r is 1 and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

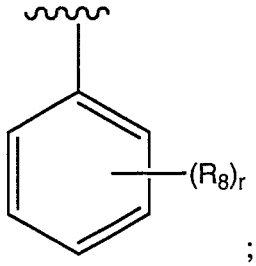
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is



;

r is 1 and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

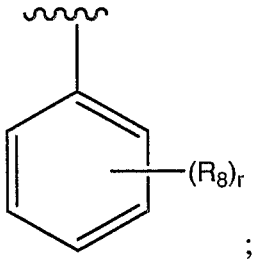
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



;

r is 1 and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

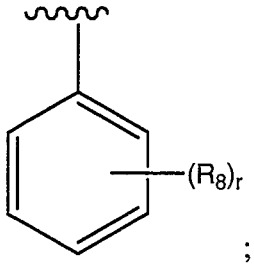
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is



;

r is 1 and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

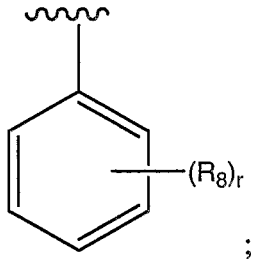
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is



;

r is 1 and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

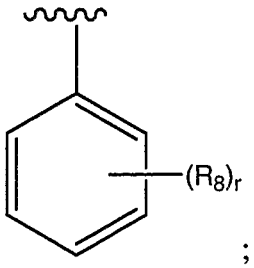
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is



;

r is 1 and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

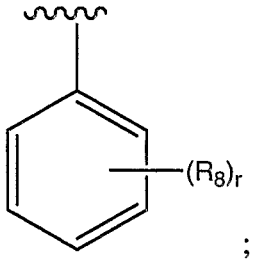
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is



;

r is 1 and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

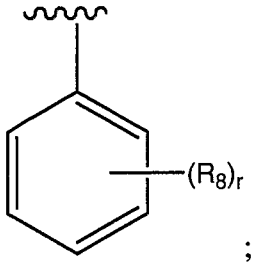
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is



;

r is 1 and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

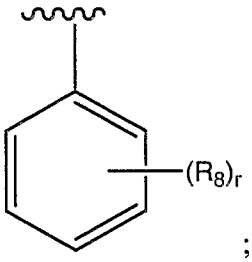
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is



;

r is 1 and R_8 is $-OCH_2CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

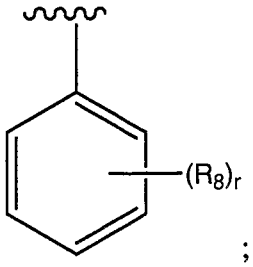
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



;

r is 1 and R_8 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

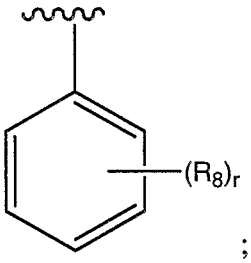
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is



;

r is 1 and R_8 is -*tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

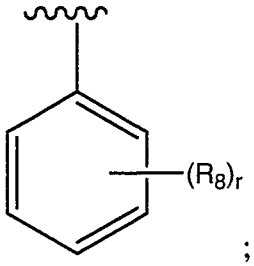
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is



;

r is 1 and R_8 is -*tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

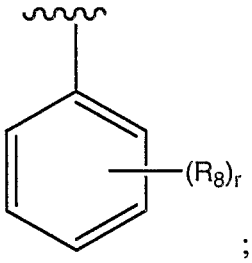
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is



;

r is 1 and R_8 is -*tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

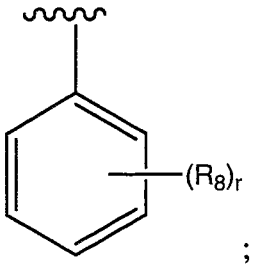
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is



;

r is 1 and R_8 is -*tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

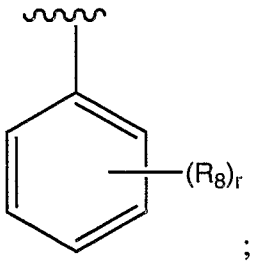
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is



;

r is 1 and R_8 is -*tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

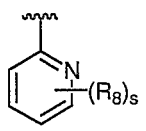
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is



;

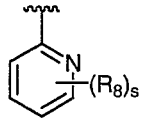
r is 1 and R_8 is -*tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 4-position of the phenyl ring.

In another embodiment, V is N, Ar^1 is a pyridyl group, m is 0, and Ar^2 is



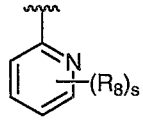
.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



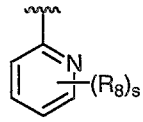
and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is



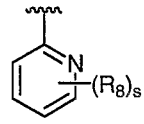
and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is



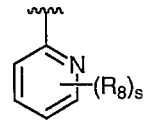
and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is



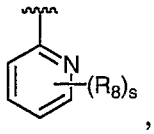
and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is



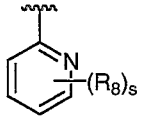
and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is



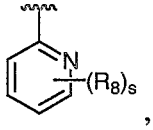
and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is



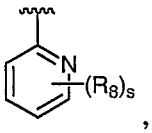
and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



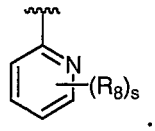
s is 1 and R_8 is -halo. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is



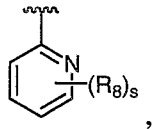
s is 1 and R_8 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is



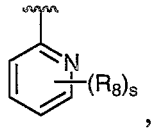
s is 1 and R_8 is -halo. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is



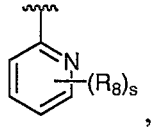
s is 1 and R_8 is -halo. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is



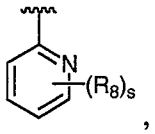
s is 1 and R_8 is -halo. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -CH_3; Ar^2 is



s is 1 and R_8 is -halo. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

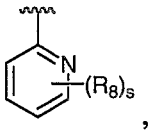
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -CF_3; Ar^2 is



,

s is 1 and R_8 is -halo. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

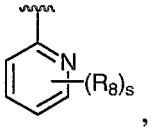
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



,

s is 1 and R_8 is -Br. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

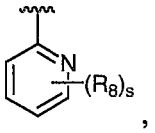
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is



,

s is 1 and R_8 is -Br. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

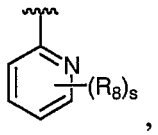
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is



,

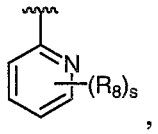
s is 1 and R_8 is -Br. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is



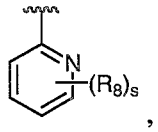
s is 1 and R_8 is -Br. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is



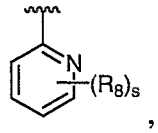
s is 1 and R_8 is -Br. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is



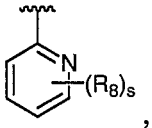
s is 1 and R_8 is -Br. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is



s is 1 and R_8 is -Br. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

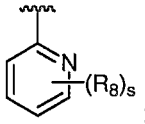
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl, -F -Br, or -I; Ar^2 is



,

s is 1 and R_8 is -F. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

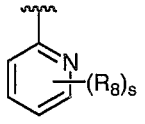
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is



;

s is 1 and R_8 is -F. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring

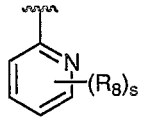
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is



;

s is 1 and R_8 is -F. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

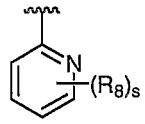
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is



;

s is 1 and R_8 is -F. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

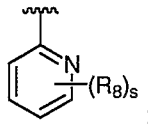
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is



;

s is 1 and R_8 is -F. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

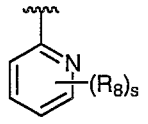
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is



;

s is 1 and R_8 is -F. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

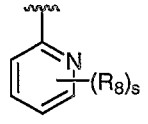
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is



;

s is 1 and R_8 is -F. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

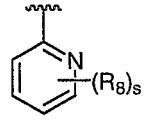
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl, -F -Br, or -I; Ar^2 is



;

s is 1 and R_8 is -Cl. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

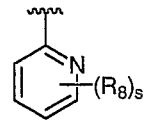
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is



;

s is 1 and R_8 is -Cl. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

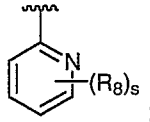
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is



;

s is 1 and R_8 is -Cl. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

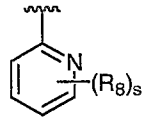
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is



;

s is 1 and R_8 is -Cl. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

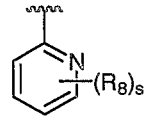
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is



;

s is 1 and R_8 is -Cl. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

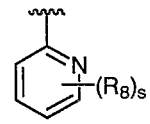
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is



;

s is 1 and R_8 is -Cl. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

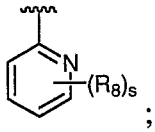
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is



;

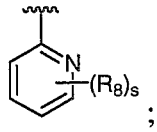
s is 1 and R_8 is chloro. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl, -F, -Br, or -I, Ar^2 is



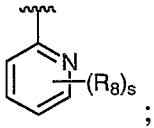
s is 1 and R_8 is -I. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is



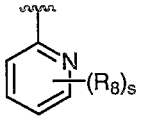
s is 1 and R_8 is -I. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is



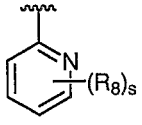
s is 1 and R_8 is -I. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is



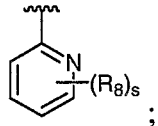
s is 1 and R_8 is -I. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is



s is 1 and R_8 is -I. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

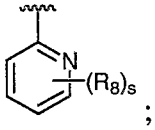
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is



;

s is 1 and R_8 is -I. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

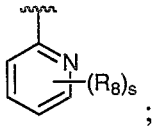
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is



;

s is 1 and R_8 is -I. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

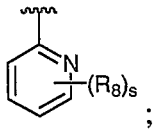
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



;

s is 1 and R_8 is $-CH_3$. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

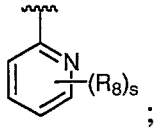
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is



;

s is 1 and R_8 is $-CH_3$. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

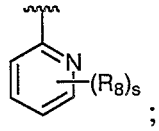
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is



;

s is 1 and R_8 is $-CH_3$. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

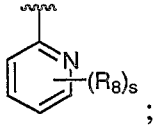
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is



;

s is 1 and R_8 is $-CH_3$. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

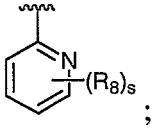
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is



;

s is 1 and R_8 is $-CH_3$. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

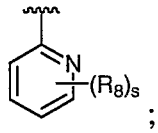
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is



;

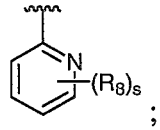
s is 1 and R_8 is $-CH_3$. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is



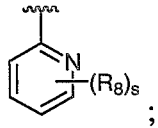
s is 1 and R_8 is $-CH_3$. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



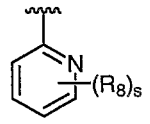
s is 1 and R_8 is $-CF_3$. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is



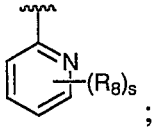
s is 1 and R_8 is $-CF_3$. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is



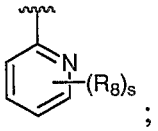
s is 1 and R_8 is $-CF_3$. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is



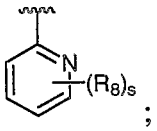
s is 1 and R_8 is $-CF_3$. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is



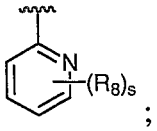
s is 1 and R_8 is $-CF_3$. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is



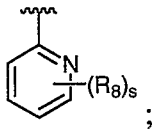
s is 1 and R_8 is $-CF_3$. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is



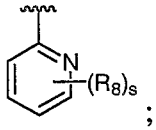
s is 1 and R_8 is $-CF_3$. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



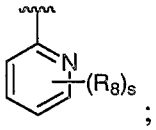
s is 1 and R_8 is $-CH_2CF_3$. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is



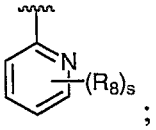
s is 1 and R_8 is $-CH_2CF_3$. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is



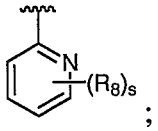
s is 1 and R_8 is $-CH_2CF_3$. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is



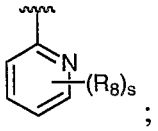
s is 1 and R_8 is $-CH_2CF_3$. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is



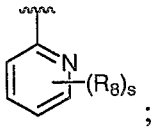
s is 1 and R_8 is $-CH_2CF_3$. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is



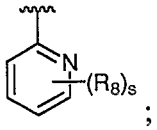
s is 1 and R_8 is $-CH_2CF_3$. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is



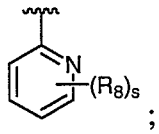
s is 1 and R_8 is $-CH_2CF_3$. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



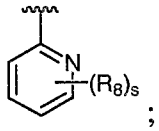
s is 1 and R_8 is *-tert*-butyl. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is



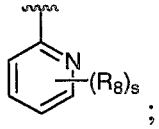
s is 1 and R_8 is -*tert*-butyl. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is



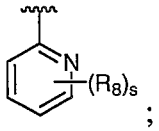
s is 1 and R_8 is -*tert*-butyl. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is



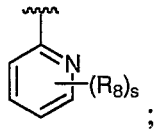
s is 1 and R_8 is -*tert*-butyl. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is



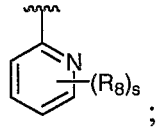
s is 1 and R_8 is -*tert*-butyl. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is



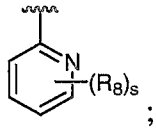
s is 1 and R_8 is -*tert*-butyl. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is



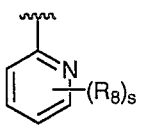
s is 1 and R_8 is -*tert*-butyl. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



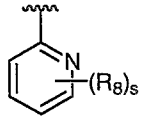
and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is



and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

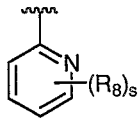
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is



;

and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

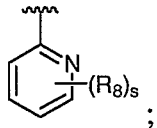
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is



;

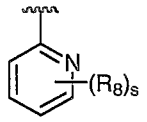
and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is



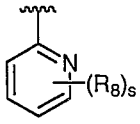
and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is



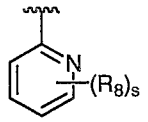
and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is



and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

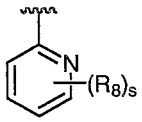
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



;

s is 1 and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

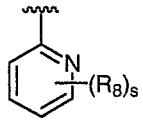
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is



;

s is 1 and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

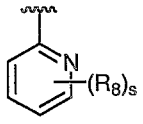
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is



;

s is 1 and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

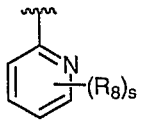
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is



;

s is 1 and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

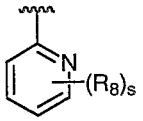
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is



;

s is 1 and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

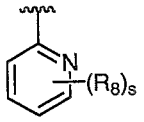
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is



;

s is 1 and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

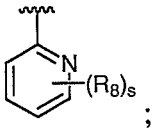
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is



;

s is 1 and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

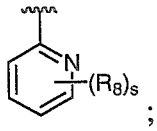
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



;

s is 1 and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

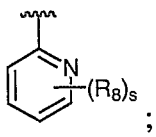
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is



;

s is 1 and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

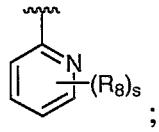
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is



;

s is 1 and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

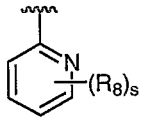
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is



;

s is 1 and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

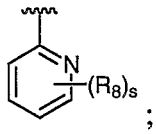
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is



;

s is 1 and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

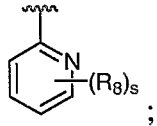
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is



;

s is 1 and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

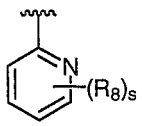
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is



;

s is 1 and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

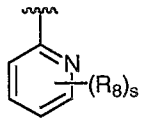
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl, -F -Br, or -I; Ar^2 is



;

s is 1 and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

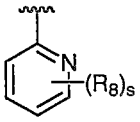
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is



;

s is 1 and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

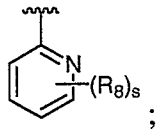
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is



;

s is 1 and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

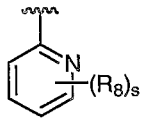
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is



;

s is 1 and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

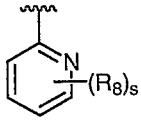
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is



;

s is 1 and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

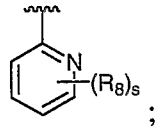
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$, Ar^2 is



;

s is 1 and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

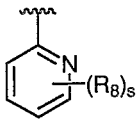
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is



;

s is 1 and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

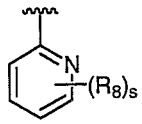
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is CH_3; R_1 is -Cl, -F -Br, or -I; Ar^2 is



;

s is 1 and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

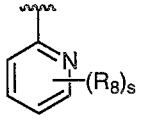
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is



;

s is 1 and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

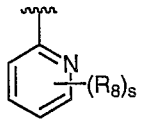
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is



;

s is 1 and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

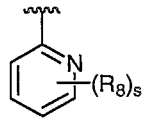
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is



;

s is 1 and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

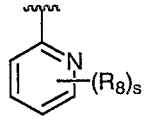
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is



;

s is 1 and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

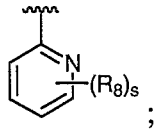
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$, Ar^2 is



;

s is 1 and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

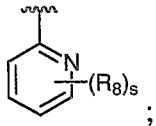
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is



;

s is 1 and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

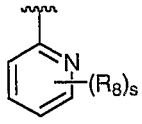
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl, -F, -Br, or -I, Ar^2 is



;

s is 1; and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

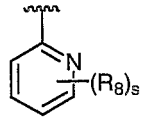
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is



;

s is 1 and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

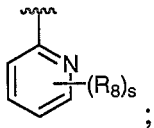
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is



;

s is 1 and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

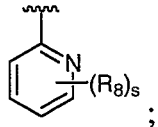
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is



;

s is 1 and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

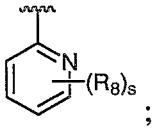
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is



;

s is 1 and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

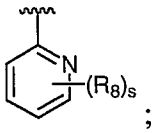
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -CH3; Ar^2 is



;

s is 1 and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

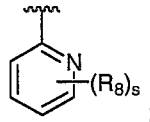
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is



;

s is 1 and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

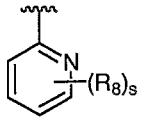
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



;

s is 1 and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

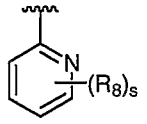
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is



;

s is 1 and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

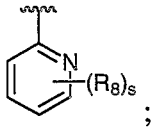
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is



;

s is 1 and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

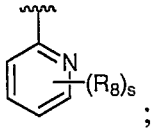
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is



;

s is 1 and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

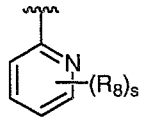
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is



;

s is 1 and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

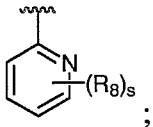
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is



;

s is 1 and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

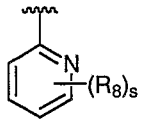
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is



;

s is 1 and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

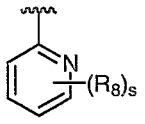
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



;

s is 1 and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

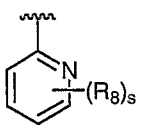
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is



;

s is 1 and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

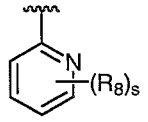
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is



;

s is 1 and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

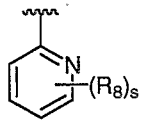
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is



;

s is 1 and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

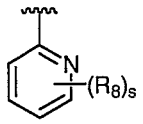
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is



;

s is 1 and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

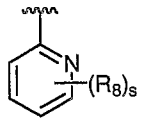
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is



;

s is 1 and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

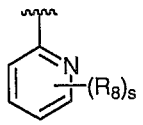
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is



;

s is 1 and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

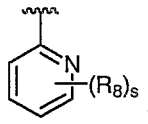
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



;

s is 1 and R_8 is $-CH_2CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

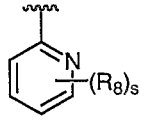
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is



;

s is 1 and R_8 is $-CH_2CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

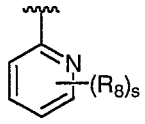
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is



;

s is 1 and R_8 is $-CH_2CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

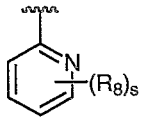
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is



;

s is 1 and R_8 is $-CH_2CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

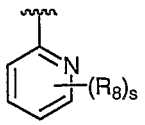
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is



;

s is 1 and R_8 is $-CH_2CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

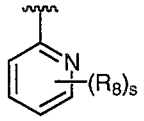
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is



;

s is 1 and R_8 is $-CH_2CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

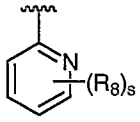
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is



;

s is 1 and R_8 is $-CH_2CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

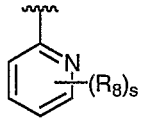
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



;

s is 1 and R_8 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

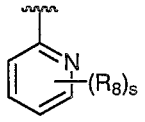
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is



;

s is 1 and R_8 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

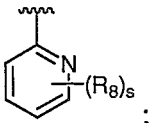
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is



;

s is 1 and R_8 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

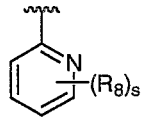
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is



;

s is 1 and R_8 is -*tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

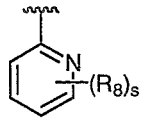
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is



;

s is 1 and R_8 is -*tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

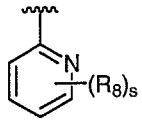
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is



;

s is 1 and R_8 is -*tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

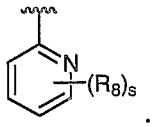
In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is



;

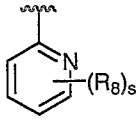
s is 1 and R_8 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, V is CH, Ar^1 is a pyridyl group, m is 0, and Ar^2 is



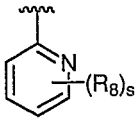
.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



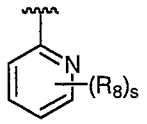
and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is



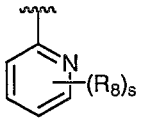
and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is



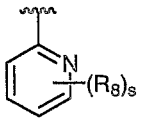
and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is



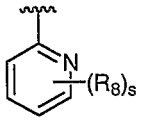
and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is



and s is 0.

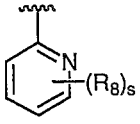
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is



,

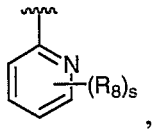
and s is 0.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is



and s is 0.

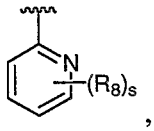
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



,

s is 1 and R_8 is -halo. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

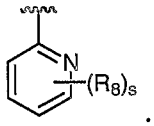
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is



,

s is 1 and R_8 is -halo.

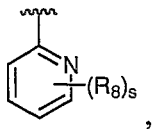
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is



.

s is 1 and R_8 is -halo. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

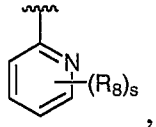
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is



,

s is 1 and R_8 is -halo. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

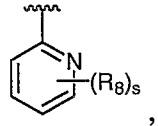
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is



,

s is 1 and R_8 is -halo. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

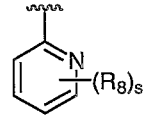
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is



,

s is 1 and R_8 is -halo. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

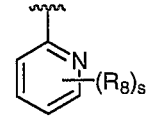
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is



,

s is 1 and R_8 is -halo. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

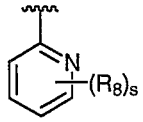
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



,

s is 1 and R_8 is -Br. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

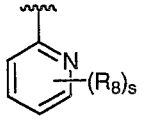
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is



,

s is 1 and R_8 is -Br. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

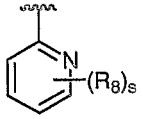
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is



,

s is 1 and R_8 is -Br. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

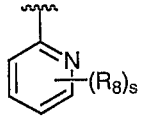
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is



,

s is 1 and R_8 is -Br. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

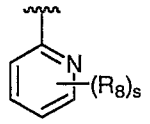
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is



,

s is 1 and R_8 is -Br. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

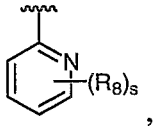
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is



,

s is 1 and R_8 is -Br. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

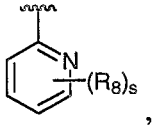
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is



,

s is 1 and R_8 is -Br. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

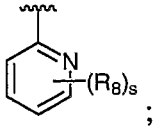
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl, -F -Br, or -I; Ar^2 is



,

s is 1 and R_8 is -F. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

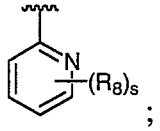
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is



;

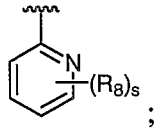
s is 1 and R_8 is -F. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is



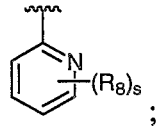
s is 1 and R_8 is -F. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is



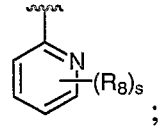
s is 1 and R_8 is -F. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is



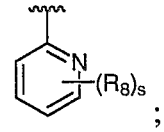
s is 1 and R_8 is -F. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -CH_3; Ar^2 is



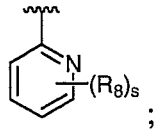
s is 1 and R_8 is -F. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -CF_3; Ar^2 is



s is 1 and R_8 is -F. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

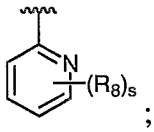
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl, -F -Br, or -I; Ar^2 is



;

s is 1 and R_8 is -Cl. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

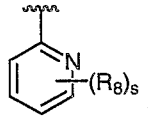
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is



;

s is 1 and R_8 is -Cl. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

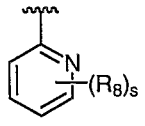
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is



;

s is 1 and R_8 is -Cl. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

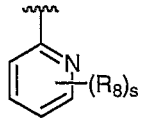
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is



;

s is 1 and R_8 is -Cl. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

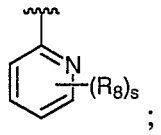
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is



;

s is 1 and R_8 is -Cl. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

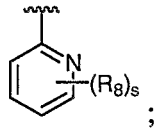
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is



;

s is 1 and R_8 is -Cl. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

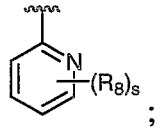
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is



;

s is 1 and R_8 is chloro. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

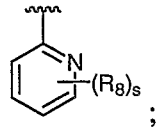
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl, -F, -Br, or -I, Ar^2 is



;

s is 1 and R_8 is -I. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

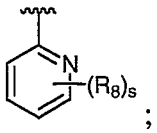
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is



;

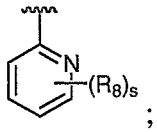
s is 1 and R_8 is -I. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is



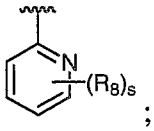
s is 1 and R_8 is -I. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is



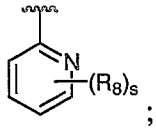
s is 1 and R_8 is -I. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is



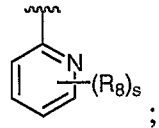
s is 1 and R_8 is -I. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -CH_3; Ar^2 is



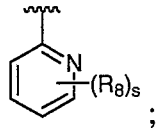
s is 1 and R_8 is -I. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -CF_3; Ar^2 is



s is 1 and R_8 is -I. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

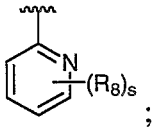
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



;

s is 1 and R_8 is $-CH_3$. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

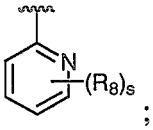
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is



;

s is 1 and R_8 is $-CH_3$. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

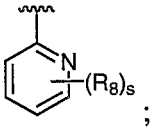
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is



;

s is 1 and R_8 is $-CH_3$. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

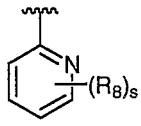
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is



;

s is 1 and R_8 is $-CH_3$. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

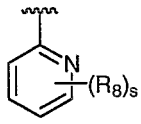
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is



;

s is 1 and R_8 is $-CH_3$. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

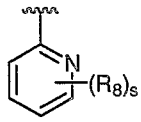
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is



;

s is 1 and R_8 is $-CH_3$. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

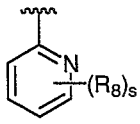
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is



;

s is 1 and R_8 is $-CH_3$. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

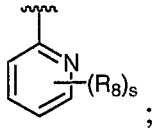
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



;

s is 1 and R_8 is $-CF_3$. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

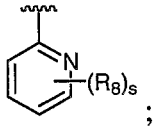
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is



;

s is 1 and R_8 is $-CF_3$. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

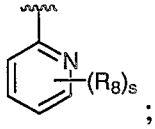
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is



;

s is 1 and R_8 is $-CF_3$. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

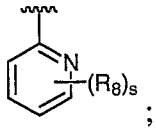
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is



;

s is 1 and R_8 is $-CF_3$. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

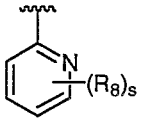
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is



;

s is 1 and R_8 is $-CF_3$. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

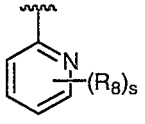
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is



;

s is 1 and R_8 is $-CF_3$. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

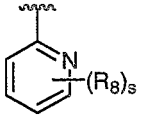
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is



;

s is 1 and R_8 is $-CF_3$. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

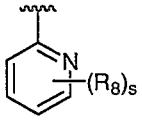
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



;

s is 1 and R_8 is $-CH_2CF_3$. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

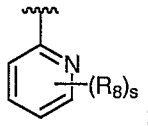
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is



;

s is 1 and R_8 is $-CH_2CF_3$. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

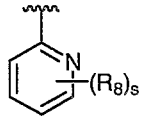
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is



;

s is 1 and R_8 is $-CH_2CF_3$. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

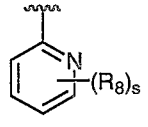
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is



;

s is 1 and R_8 is $-CH_2CF_3$. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

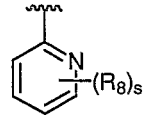
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is



;

s is 1 and R_8 is $-CH_2CF_3$. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

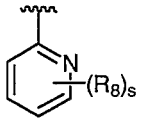
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is



;

s is 1 and R_8 is $-CH_2CF_3$. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

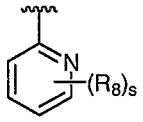
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is



;

s is 1 and R_8 is $-CH_2CF_3$. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

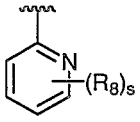
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



;

s is 1 and R_8 is -*tert*-butyl. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

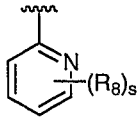
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is



;

s is 1 and R_8 is -*tert*-butyl. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

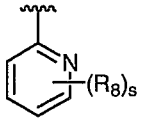
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is



;

s is 1 and R_8 is -*tert*-butyl. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

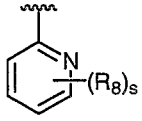
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is



;

s is 1 and R_8 is -*tert*-butyl. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

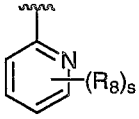
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is



;

s is 1 and R_8 is -*tert*-butyl. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

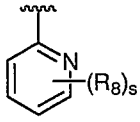
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is



;

s is 1 and R_8 is -*tert*-butyl. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

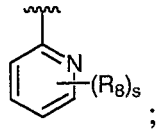
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is



;

s is 1 and R_8 is -*tert*-butyl. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

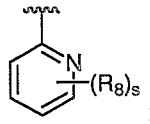
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



;

and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

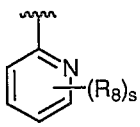
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is



;

and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

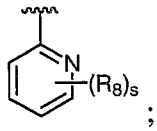
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is



;

and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

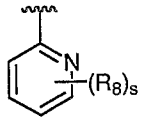
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is



;

and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

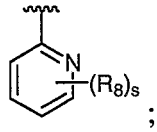
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is



;

and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

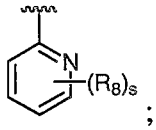
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is



;

and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

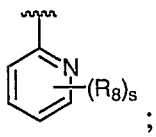
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is



;

and s is 0. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

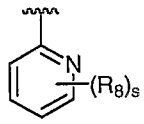
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



;

s is 1 and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

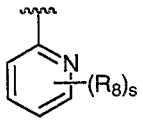
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is



;

s is 1 and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

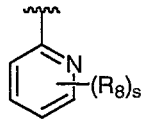
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is



;

s is 1 and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

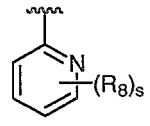
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is



;

s is 1 and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

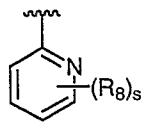
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is



;

s is 1 and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

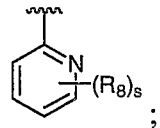
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is



;

s is 1 and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

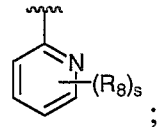
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is



;

s is 1 and R_8 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

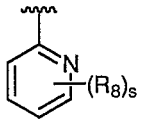
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



;

s is 1 and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

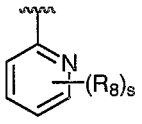
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is



;

s is 1 and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

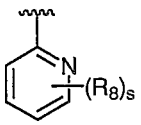
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is



;

s is 1 and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

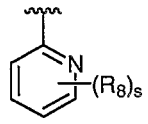
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is



;

s is 1 and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

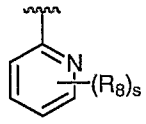
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is



;

s is 1 and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

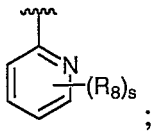
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is



;

s is 1 and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

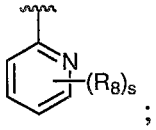
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is



;

s is 1 and R_8 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

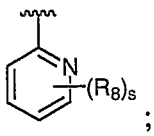
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl, -F -Br, or -I; Ar^2 is



;

s is 1 and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

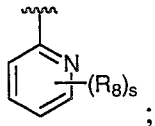
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is



;

s is 1 and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

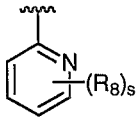
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is



;

s is 1 and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

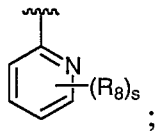
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is



;

s is 1 and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

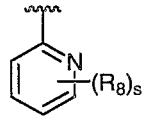
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is



;

s is 1 and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

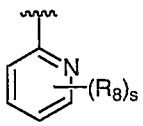
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is



;

s is 1 and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

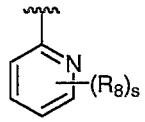
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is



;

s is 1 and R_8 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

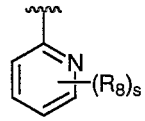
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is CH_3; R_1 is -Cl, -F -Br, or -I; Ar^2 is



;

s is 1 and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

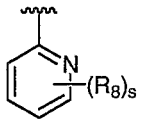
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is -CH_3; R_1 is -F; Ar^2 is



;

s is 1 and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

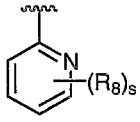
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is



;

s is 1 and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

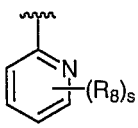
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is



;

s is 1 and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

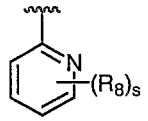
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is



;

s is 1 and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

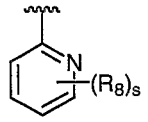
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is



;

s is 1 and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

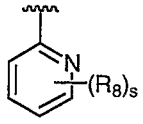
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is



;

s is 1 and R_8 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

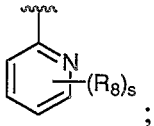
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl, -F, -Br, or -I, Ar^2 is



;

s is 1; and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

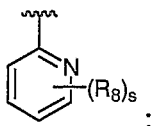
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is



;

s is 1 and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

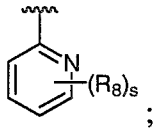
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is



;

s is 1 and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

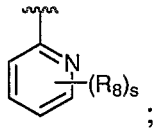
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is



;

s is 1 and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

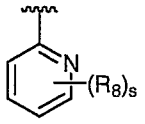
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is



;

s is 1 and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

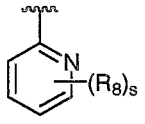
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is



;

s is 1 and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

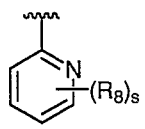
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is



;

s is 1 and R_8 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

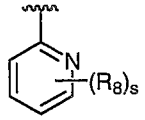
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



;

s is 1 and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

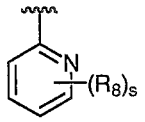
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is



;

s is 1 and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

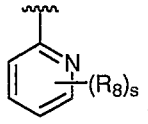
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is



;

s is 1 and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

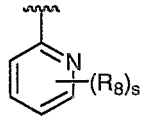
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is



;

s is 1 and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

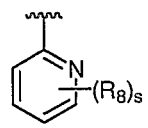
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is



;

s is 1 and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

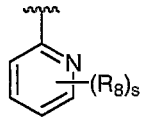
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is



;

s is 1 and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

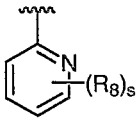
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is



;

s is 1 and R_8 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

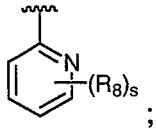
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



;

s is 1 and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

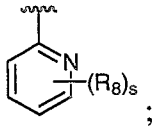
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is



;

s is 1 and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

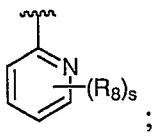
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is



;

s is 1 and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

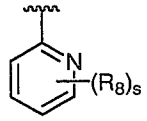
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is



;

s is 1 and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

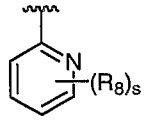
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is



;

s is 1 and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

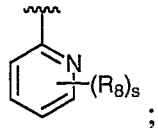
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is



;

s is 1 and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

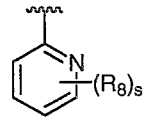
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is



;

s is 1 and R_8 is $-CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

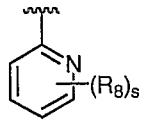
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



;

s is 1 and R_8 is $-CH_2CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

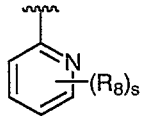
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is



;

s is 1 and R_8 is $-CH_2CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

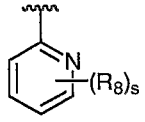
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is



;

s is 1 and R_8 is $-CH_2CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

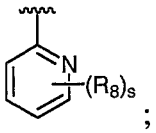
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is



;

s is 1 and R_8 is $-CH_2CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

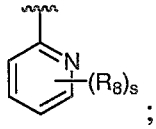
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is



;

s is 1 and R_8 is $-CH_2CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

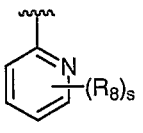
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is



;

s is 1 and R_8 is $-CH_2CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

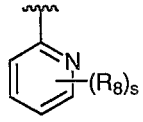
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is



;

s is 1 and R_8 is $-CH_2CF_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

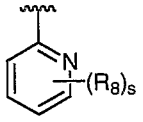
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is



;

s is 1 and R_8 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

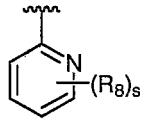
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is



;

s is 1 and R_8 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

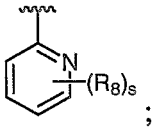
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is



;

s is 1 and R_8 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

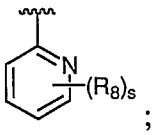
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is



;

s is 1 and R_8 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

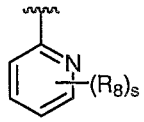
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is



;

s is 1 and R_8 is -*tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

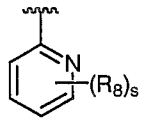
In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is



;

s is 1 and R_8 is -*tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is



;

s is 1 and R_8 is -*tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring. In another embodiment, R_8 is at the 5-position of the Ar^2 pyridyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; m is 0, and Ar^2 is a 5-benzodioxolyl group.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; and Ar^2 is a 5-benzodioxolyl group.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; and Ar^2 is a 5-benzodioxolyl group.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; and Ar^2 is a 5-benzodioxolyl group.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; and Ar^2 is a 5-benzodioxolyl group.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; and Ar^2 is a 5-benzodioxolyl group.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; and Ar^2 is a 5-benzodioxolyl group.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; and Ar^2 is a 5-benzodioxolyl group.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl, -F -Br, or -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl, -F -Br, or -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a 5-benzodioxolyl group and each R_9 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl, -F, -Br, or -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is a 5-benzodioxolyl group; and each R_9 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is a 5-benzodioxolyl group; and each R_9 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is a 5-benzodioxolyl group; and each R_9 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -ethyl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -ethyl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -ethyl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -ethyl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -ethyl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -ethyl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -ethyl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -isopropyl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -isopropyl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -isopropyl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -isopropyl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -isopropyl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -isopropyl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -isopropyl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a 5-benzodioxolyl group; R_9 is -*tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -F; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -*tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Cl; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -*tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -Br; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -*tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -*tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -*tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is *-tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; and Ar^2 is a 5-benzodioxolyl group. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; and Ar^2 is a 5-benzodioxolyl group. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; and Ar^2 is a 5-benzodioxolyl group. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; and Ar^2 is a 5-benzodioxolyl group. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; and Ar^2 is a 5-benzodioxolyl group. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; and Ar^2 is a 5-benzodioxolyl group. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; and Ar^2 is a 5-benzodioxolyl group. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the

carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the

carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the

carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the

carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; -F -Br, or -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the

carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is CH_3; R_1 is -Cl, -F -Br, or -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the

cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the

carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl, -F, -Br, or -I, Ar^2 is a 5-benzodioxolyl group; and each R_9 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the

carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the

carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a 5-benzodioxolyl group; and each R_9 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a 5-benzodioxolyl group; and each R_9 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the

carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a 5-benzodioxolyl group; and each R_9 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the

carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -ethyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -ethyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -ethyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -ethyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the

carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -ethyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -ethyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -ethyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -isopropyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the

cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -isopropyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -isopropyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -isopropyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -isopropyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the

cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -isopropyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -isopropyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a 5-benzodioxolyl group; and each R_9 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the

cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a 5-benzodioxolyl group; and each R_9 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a 5-benzodioxolyl group; and each R_9 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the

cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is N; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group, V is CH; m is 0, and Ar^2 is a 5-benzodioxolyl group.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; and Ar^2 is a 5-benzodioxolyl group.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; and Ar^2 is a 5-benzodioxolyl group.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; and Ar^2 is a 5-benzodioxolyl group.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; and Ar^2 is a 5-benzodioxolyl group.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; and Ar^2 is a 5-benzodioxolyl group.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; and Ar^2 is a 5-benzodioxolyl group.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; and Ar^2 is a 5-benzodioxolyl group.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; and Ar^2 is a 5-benzodioxolyl group.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -halo.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Br.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl, -F -Br, or -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is CH: n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -F.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl, -F -Br, or -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a 5-benzodioxolyl group and each R_9 is -Cl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl, -F, -Br, or -I, Ar^2 is a 5-benzodioxolyl group; and each R_9 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; and Ar^2 is a 5-benzodioxolyl group.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -I.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is a 5-benzodioxolyl group; and each R_9 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is a 5-benzodioxolyl group; and each R_9 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is a 5-benzodioxolyl group; and each R_9 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is $-CH_3$.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -ethyl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -ethyl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -ethyl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -ethyl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -ethyl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -ethyl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -ethyl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -isopropyl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -isopropyl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -isopropyl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -isopropyl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -isopropyl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -isopropyl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -isopropyl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a 5-benzodioxolyl group; each R_9 is -*tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -F; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -*tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Cl; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -*tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -Br; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -*tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -*tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CH_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -*tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 0; R_1 is $-CF_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -*tert*-butyl.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; and Ar^2 is a 5-benzodioxolyl group. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; and Ar^2 is a 5-benzodioxolyl group. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; and Ar^2 is a 5-benzodioxolyl group. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; and Ar^2 is a 5-benzodioxolyl group. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; and Ar^2 is a 5-benzodioxolyl group. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; and Ar^2 is a 5-benzodioxolyl group. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; and Ar^2 is a 5-benzodioxolyl group. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3

group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the

cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -halo. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or

6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the

cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Br. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl, -F -Br, or -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the

cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the

cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -F. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is CH_3; R_1 is -Cl, -F -Br, or -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the

cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -Cl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the

cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl, -F, -Br, or -I, Ar^2 is a 5-benzodioxolyl group; and each R_9 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the

cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -I. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or

6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a 5-benzodioxolyl group; and each R_9 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a 5-benzodioxolyl group; and each R_9 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a 5-benzodioxolyl group; and each R_9 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the

cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is $-CH_3$. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -ethyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -ethyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the

cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -ethyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -ethyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -ethyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -ethyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or

6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -ethyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -isopropyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -isopropyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -isopropyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or

6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -isopropyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -isopropyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -isopropyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is -isopropyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or

6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F, -Cl, -Br, or -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -F; Ar^2 is a 5-benzodioxolyl group; and each R_9 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Cl; Ar^2 is a 5-benzodioxolyl group; and each R_9 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -Br; Ar^2 is a 5-benzodioxolyl group; and each R_9 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or

6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is -I; Ar^2 is a 5-benzodioxolyl group; and each R_9 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CH_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In another embodiment, Ar^1 is a pyridyl group; V is CH; n is 0; m is 1; R_3 is $-CH_3$; R_1 is $-CF_3$; Ar^2 is a 5-benzodioxolyl group; and each R_9 is *-tert*-butyl. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the R_3 group is attached to the 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring and the carbon atom to which the R_3 group is attached has the (S) configuration. In yet another embodiment, the R_3 group is attached to the 2-position of the cyclo(hetero)alkenyl ring.

In the Cyclo(hetero)alkenyl Compounds that have an R_3 group, the R_3 group can be attached to the carbon at the 2-, 3-, 5- or 6-position of the cyclo(hetero)alkenyl ring. In one embodiment, the R_3 group is attached to the carbon at the 3- position of the cyclo(hetero)alkenyl ring. In another embodiment, the R_3 group is attached to the carbon at the 5-position of the cyclo(hetero)alkenyl ring. In another embodiment, the R_3 group is

attached to the carbon at the 6-position of the cyclo(hetero)alkenyl ring. In another embodiment, the R_3 group is attached to the carbon at the 2-position of the cyclo(hetero)alkenyl ring.

In one embodiment, the Cyclo(hetero)alkenyl Compound has an R_3 group; the carbon atom to which the R_3 group is attached is at the 3-, 5- or 6-position of the tetrahydropiperidine ring; and the carbon atom to which the R_3 group is attached has the (R) configuration. In another embodiment, the Cyclo(hetero)alkenyl Compound has an R_3 group; the carbon atom to which the R_3 group is attached is at the 3-, 5- or 6-position of the tetrahydropiperidine ring; and the carbon atom to which the R_3 group is attached has the (S) configuration.

In another embodiment, the Cyclo(hetero)alkenyl Compound has an R_3 group, the R_3 group is attached to the carbon that is at the 3-position of the tetrahydropiperidine ring, and the carbon to which the R_3 group is attached is in the (R) configuration. In another embodiment, the Cyclo(hetero)alkenyl Compound has an R_3 group, the R_3 group is attached to the carbon that is at the 3-position of the tetrahydropiperidine ring, the carbon to which the R_3 group is attached is in the (R) configuration, and R_3 is -(C_1-C_4)alkyl unsubstituted or substituted with one or more halo groups. In another embodiment, the Cyclo(hetero)alkenyl Compound has an R_3 group, the R_3 group is attached to the carbon that is at the 3-position of the tetrahydropiperidine ring, the carbon to which the R_3 group is attached is in the (R) configuration, and R_3 is $-CH_3$. In another embodiment, the Cyclo(hetero)alkenyl Compound has an R_3 group, the R_3 group is attached to the carbon that is at the 3-position of the tetrahydropiperidine ring, the carbon to which the R_3 group is attached is in the (R) configuration, and R_3 is $-CF_3$. In another embodiment, the Cyclo(hetero)alkenyl Compound has an R_3 group, the R_3 group is attached to the carbon that is at the 3-position of the tetrahydropiperidine ring, the carbon to which the R_3 group is attached is in the (R) configuration, and R_3 is $-CH_2CH_3$.

In another embodiment, the Cyclo(hetero)alkenyl Compound has an R_3 group, the R_3 group is attached to the carbon atom at the 6-position of the tetrahydropiperidine ring, and the carbon to which the R_3 group is attached is in the (R) configuration. In another embodiment, the Cyclo(hetero)alkenyl Compound has an R_3 group, the R_3 group is attached to the carbon atom at the 6-position of the tetrahydropiperidine ring, the carbon to which the R_3 group is attached is in the (R) configuration, and R_3 is -(C_1-C_4)alkyl

unsubstituted or substituted with one or more halo groups. In another embodiment, the Cyclo(hetero)alkenyl Compound has an R_3 group, the R_3 group is attached to the carbon atom at the 6-position of the tetrahydropiperidine ring, the carbon to which the R_3 group is attached is in the (R) configuration, and R_3 is $-CH_3$. In another embodiment, the Cyclo(hetero)alkenyl Compound has an R_3 group, the R_3 group is attached to the carbon atom at the 6-position of the tetrahydropiperidine ring, the carbon to which the R_3 group is attached is in the (R) configuration, and R_3 is $-CF_3$. In another embodiment, the Cyclo(hetero)alkenyl Compound has an R_3 group, the R_3 group is attached to the carbon atom at the 6-position of the tetrahydropiperidine ring, the carbon to which the R_3 group is attached is in the (R) configuration, and R_3 is $-CH_2CH_3$.

In another embodiment, the Cyclo(hetero)alkenyl Compound has an R_3 group, the R_3 group is attached to the carbon atom at the 5-position of the tetrahydropiperidine ring, and the carbon to which the R_3 group is attached is in the (R) configuration. In another embodiment, the Cyclo(hetero)alkenyl Compound has an R_3 group, the R_3 group is attached to the carbon atom at the 5-position of the tetrahydorpiperidine ring, the carbon to which the R_3 group is attached is in the (R) configuration, and R_3 is $-(C_1\text{-}C_4)$alkyl unsubstituted or substituted with one or more halo groups. In another embodiment, the Cyclo(hetero)alkenyl Compound has an R_3 group, the R_3 group is attached to the carbon atom at the 5-position of the tetrahydropiperidine ring, the carbon to which the R_3 group is attached is in the (R) configuration, and R_3 is $-CH_3$. In another embodiment, the Cyclo(hetero)alkenyl Compound has an R_3 group, the R_3 group is attached to the carbon atom at the 5-position of the tetrahydropiperidine ring, the carbon to which the R_3 group is attached is in the (R) configuration, and R_3 is $-CF_3$. In another embodiment, the Cyclo(hetero)alkenyl Compound has an R_3 group, the R_3 group is attached to the carbon atom at the 5-position of the tetrahydropiperidine ring. The R_3 group is in the (R) configuration, and R_3 is $-CH_2CH_3$.

In another embodiment, the Cyclo(hetero)alkenyl Compound has an R_3 group, the R_3 group is attached to the carbon that is at the 3-position of the tetrahydropiperidine ring, and the carbon to which the R_3 group is attached is in the (S) configuration. In another embodiment, the Cyclo(hetero)alkenyl Compound has an R_3 group, the R_3 group is attached to the carbon that is at the 3-position of the tetrahydropiperidine ring, the carbon to which the R_3 group is attached is in the (S) configuration, and R_3 is $-(C_1\text{-}C_4)$alkyl

unsubstituted or substituted with one or more halo groups. In another embodiment, the Cyclo(hetero)alkenyl Compound has an R_3 group, the R_3 group is attached to the carbon that is at the 3-position of the tetrahydropiperidine ring, the carbon to which the R_3 group is attached is in the (S) configuration, and R_3 is $-CH_3$. In another embodiment, the Cyclo(hetero)alkenyl Compound has an R_3 group, the R_3 group is attached to the carbon that is at the 3-position of the tetrahydropiperidine ring, the carbon to which the R_3 group is attached is in the (S) configuration, and R_3 is $-CF_3$. In another embodiment, the Cyclo(hetero)alkenyl Compound has an R_3 group, the R_3 group is attached to the carbon that is at the 3-position of the tetrahydropiperidine ring, the carbon to which the R_3 group is attached is in the (S) configuration, and R_3 is $-CH_2CH_3$.

In another embodiment, the Cyclo(hetero)alkenyl Compound has an R_3 group, the R_3 group is attached to the carbon atom at the 6-position of the tetrahydropiperidine ring, and the carbon to which the R_3 group is attached is in the (S) configuration. In another embodiment, the Cyclo(hetero)alkenyl Compound has an R_3 group, the R_3 group is attached to the carbon atom at the 6-position of the tetrahydropiperidine ring, the carbon to which the R_3 group is attached is in the (S) configuration, and R_3 is $-(C_1\text{-}C_4)$alkyl unsubstituted or substituted with one or more halo groups. In another embodiment, the Cyclo(hetero)alkenyl Compound has an R_3 group, the R_3 group is attached to the carbon atom at the 6-position of the tetrahydropiperidine ring, the carbon to which the R_3 group is attached is in the (S) configuration, and R_3 is $-CH_3$. In another embodiment, the Cyclo(hetero)alkenyl Compound has an R_3 group, the R_3 group is attached to the carbon atom at the 6-position of the tetrahydropiperidine ring, the carbon to which the R_3 group is attached is in the (S) configuration, and R_3 is $-CF_3$. In another embodiment, the Cyclo(hetero)alkenyl Compound has an R_3 group, the R_3 group is attached to the carbon atom at the 6-position of the tetrahydropiperidine ring, the carbon to which the R_3 group is attached is in the (S) configuration, and R_3 is $-CH_2CH_3$.

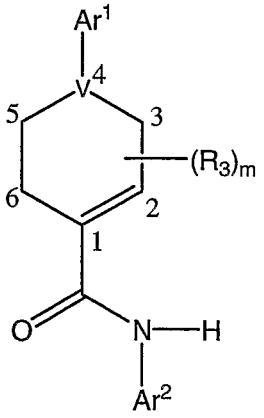
In another embodiment, the Cyclo(hetero)alkenyl Compound has an R_3 group, the R_3 group is attached to the carbon atom at the 5-position of the tetrahydropiperidine ring, and the carbon to which the R_3 group is attached is in the (S) configuration. In another embodiment, the Cyclo(hetero)alkenyl Compound has an R_3 group, the R_3 group is attached to the carbon atom at the 5-position of the tetrahydropiperidine ring, the carbon to which the R_3 group is attached is in the (S) configuration, and R_3 is $-(C_1\text{-}C_4)$alkyl

unsubstituted or substituted with one or more halo groups. In another embodiment, the Cyclo(hetero)alkenyl Compound has an R_3 group, the R_3 group is attached to the carbon atom at the 5-position of the tetrahydropiperidine ring, the carbon to which the R_3 group is attached is in the (S) configuration, and R_3 is $-CH_3$. In another embodiment, the Cyclo(hetero)alkenyl Compound has an R_3 group, the R_3 group is attached to the carbon atom at the 5-position of the tetrahydropiperidine ring, the carbon to which the R_3 group is attached is in the (S) configuration, and R_3 is $-CF_3$. In another embodiment, the Cyclo(hetero)alkenyl Compound has an R_3 group, the R_3 group is attached to the carbon atom at the 5-position of the tetrahydropiperidine ring, the carbon atom to which the R_3 grooup is attached is in the (S) configuration, and R_3 is $-CH_2CH_3$.

In another embodiment, the Cyclo(hetero)alkenyl Compound has an R_3 group, the R_3 group is attached to the carbon atom at the 2-position of the cyclo(hetero)alkenyl ring and R_3 is $-(C_1-C_4)$ alkyl unsubstituted or substituted with one or more halo groups. In another embodiment, the Cyclo(hetero)alkenyl Compound has an R_3 group, the R_3 group is attached to the carbon atom at the 2-position of the cyclo(hetero)alkenyl ring and R_3 is $-CH_3$. In another embodiment, the Cyclo(hetero)alkenyl Compound has an R_3 group, the R_3 group is attached to the carbon atom at the 2-position of the cyclo(hetero)alkenyl ring and R_3 is $-CF_3$. In another embodiment, the Cyclo(hetero)alkenyl Compound has an R_3 group, the R_3 group is attached to the carbon atom at the 2-position of the cyclo(hetero)alkenyl ring and R_3 is $-CH_2CH_3$.

4.1.2 CYCLO(HETERO)ALKENYL COMPOUNDS OF FORMULA (IA)

The present invention encompasses Compounds of Formula (IA)



(IA)

and pharmaceutically acceptable salts thereof, where V, Ar^1, Ar^2, R_3, and m are defined above for the Cyclo(hetero)alkenyl Compounds of Formula (IA).

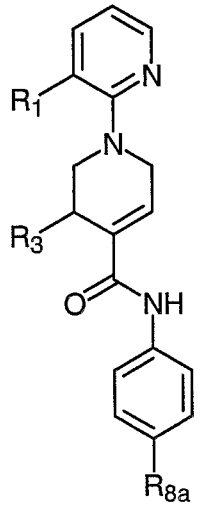
Illustrative Cyclo(hetero)alkenyl Compounds are listed below in Tables 1-27.

For the chemical structure depicted, *e.g.*, at the head of each of Tables 1, 3, 5, 7, 9, 13-19, 21, 22, 24, 25 and 27, a is independently 0 or 1. When a = 0, the group at the "a" position is -H. When a = 1, the group at the "a" position (R_{8a}) is other than -H, *i.e.*, is R_8.

For the chemical structure depicted, *e.g.*, at the head of each of Tables 2, 4, 6, 8, 10, 20, 23 and 26, a is independently 0 or 1. When a = 0, the group at the "a" position is -H. When a = 1, the group at the "a" position ($(R_8)_a$) is other than -H, *i.e.*, is R_8.

For the chemical structure depicted, *e.g.*, at the head of each of Tables 2, 4, 6, 8, 10, 20, 23 and 26, b is independently 0 or 1. When b = 0, the group at the "b" position is -H. When b = 1, the group at the "b" position ($(R_8)_b$) is other than -H, *i.e.*, is R_8.

Table 1



(Ia)

and pharmaceutically acceptable salts thereof, wherein:

Compound	R_1	R_{8a}
A01 (a and b)	-H	-H
A02 (a and b)	-H	-*tert*-butyl
A03 (a and b)	-H	-*iso*-butyl
A04 (a and b)	-H	-*sec*-butyl
A05 (a and b)	-H	-*iso*-propyl
A06 (a and b)	-H	-n-propyl
A07 (a and b)	-H	-cyclohexyl
A08 (a and b)	-H	-*tert*-butoxy
A09 (a and b)	-H	-isopropoxy
A10 (a and b)	-H	$-CF_3$
A11 (a and b)	-H	$-CH_2CF_3$
A12 (a and b)	-H	$-OCF_3$
A13 (a and b)	-H	-Cl
A14 (a and b)	-H	-Br
A15 (a and b)	-H	-I
A16 (a and b)	-H	-n-butyl

Compound	R_1	R_{8a}
A17 (a and b)	-H	$-CH_3$
A18 (a and b)	-H	$-SCF_3$
A19 (a and b)	-H	$-N(CH_2CH_3)_2$
A20 (a and b)	-H	$-OCF_2CHF_2$
A21 (a and b)	-H	$-C(OH)(CF_3)_2$
A22 (a and b)	-H	-(1,1-dimethyl-pentyl)
A23 (a and b)	-H	-(1,1-dimethyl-acetic acid) ethyl ester
A24 (a and b)	-H	-*N*-piperidinyl
A25 (a and b)	-Cl	-H
A26 (a and b)	-Cl	-*tert*-butyl
A27 (a and b)	-Cl	-*iso*-butyl
A28 (a and b)	-Cl	-*sec*-butyl
A29 (a and b)	-Cl	-*iso*-propyl
A30 (a and b)	-Cl	-n-propyl
A31 (a and b)	-Cl	-cyclohexyl
A32 (a and b)	-Cl	-*tert*-butoxy
A33 (a and b)	-Cl	-isopropoxy
A34 (a and b)	-Cl	$-CF_3$
A35 (a and b)	-Cl	$-CH_2CF_3$
A36 (a and b)	-Cl	$-OCF_3$
A37 (a and b)	-Cl	-Cl
A38 (a and b)	-Cl	-Br
A39 (a and b)	-Cl	-I
A40 (a and b)	-Cl	-n-butyl
A41 (a and b)	-Cl	$-CH_3$
A42 (a and b)	-Cl	$-SCF_3$
A43 (a and b)	-Cl	$-N(CH_2CH_3)_2$
A44 (a and b)	-Cl	$-OCF_2CHF_2$
A45 (a and b)	-Cl	$-C(OH)(CF_3)_2$
A46 (a and b)	-Cl	-(1,1-dimethyl-pentyl)

Compound	R_1	R_{8a}
A47 (a and b)	-Cl	-(1,1-dimethyl-acetic acid) ethyl ester
A48 (a and b)	-Cl	-*N*-piperidinyl
A49 (a and b)	-F	-H
A50 (a and b)	-F	-*tert*-butyl
A51 (a and b)	-F	-*iso*-butyl
A52 (a and b)	-F	-*sec*-butyl
A53 (a and b)	-F	-*iso*-propyl
A54 (a and b)	-F	-n-propyl
A55 (a and b)	-F	-cyclohexyl
A56 (a and b)	-F	-*tert*-butoxy
A57 (a and b)	-F	-isopropoxy
A58 (a and b)	-F	$-CF_3$
A59 (a and b)	-F	$-CH_2CF_3$
A60 (a and b)	-F	$-OCF_3$
A61 (a and b)	-F	-Cl
A62 (a and b)	-F	-Br
A63 (a and b)	-F	-I
A64 (a and b)	-F	-n-butyl
A65 (a and b)	-F	$-CH_3$
A66 (a and b)	-F	$-SCF_3$
A67 (a and b)	-F	$-N(CH_2CH_3)_2$
A68 (a and b)	-F	$-OCF_2CHF_2$
A69 (a and b)	-F	$-C(OH)(CF_3)_2$
A70 (a and b)	-F	-(1,1-dimethyl-pentyl)
A71 (a and b)	-F	-(1,1-dimethyl-acetic acid) ethyl ester
A72 (a and b)	-F	-*N*-piperidinyl
A73 (a and b)	$-CH_3$	-H
A74 (a and b)	$-CH_3$	-*iso*-butyl
A75 (a and b)	$-CH_3$	-*tert*-butyl
A76 (a and b)	$-CH_3$	-*sec*-butyl

Compound	R_1	R_{8a}
A77 (a and b)	$-CH_3$	-*iso*-propyl
A78 (a and b)	$-CH_3$	-n-propyl
A79 (a and b)	$-CH_3$	-cyclohexyl
A80 (a and b)	$-CH_3$	-*tert*-butoxy
A81 (a and b)	$-CH_3$	-isopropoxy
A82 (a and b)	$-CH_3$	$-CF_3$
A83 (a and b)	$-CH_3$	$-CH_2CF_3$
A84 (a and b)	$-CH_3$	$-OCF_3$
A85 (a and b)	$-CH_3$	-Cl
A86 (a and b)	$-CH_3$	-Br
A87 (a and b)	$-CH_3$	-I
A88 (a and b)	$-CH_3$	-n-butyl
A89 (a and b)	$-CH_3$	$-CH_3$
A90 (a and b)	$-CH_3$	$-SCF_3$
A91 (a and b)	$-CH_3$	$-N(CH_2CH_3)_2$
A92 (a and b)	$-CH_3$	$-OCF_2CHF_2$
A93 (a and b)	$-CH_3$	$-C(OH)(CF_3)_2$
A94 (a and b)	$-CH_3$	-(1,1-dimethyl-pentyl)
A95 (a and b)	$-CH_3$	-(1,1-dimethyl-acetic acid) ethyl ester
A96 (a and b)	$-CH_3$	-*N*-piperidinyl
A97 (a and b)	$-CF_3$	-H
A98 (a and b)	$-CF_3$	-*tert*-butyl
A99 (a and b)	$-CF_3$	-*iso*-butyl
A100 (a and b)	$-CF_3$	-*sec*-butyl
A101 (a and b)	$-CF_3$	-*iso*-propyl
A102 (a and b)	$-CF_3$	-n-propyl
A103 (a and b)	$-CF_3$	-cyclohexyl
A104 (a and b)	$-CF_3$	-*tert*-butoxy
A105 (a and b)	$-CF_3$	-isopropoxy
A106 (a and b)	$-CF_3$	$-CF_3$

Compound	R_1	R_{8a}
A107 (a and b)	$-CF_3$	$-CH_2CF_3$
A108 (a and b)	$-CF_3$	$-OCF_3$
A109 (a and b)	$-CF_3$	-Cl
A110 (a and b)	$-CF_3$	-Br
A111 (a and b)	$-CF_3$	-I
A112 (a and b)	$-CF_3$	-n-butyl
A113 (a and b)	$-CF_3$	$-CH_3$
A114 (a and b)	$-CF_3$	$-SCF_3$
A115 (a and b)	$-CF_3$	$-N(CH_2CH_3)_2$
A116 (a and b)	$-CF_3$	$-OCF_2CHF_2$
A117 (a and b)	$-CF_3$	$-C(OH)(CF_3)_2$
A118 (a and b)	$-CF_3$	-(1,1-dimethyl-pentyl)
A119 (a and b)	$-CF_3$	-(1,1-dimethyl-acetic acid) ethyl ester
A120 (a and b)	$-CF_3$	-*N*-piperidinyl
A121 (a and b)	$-CHF_2$	-*tert*-butyl
A122 (a and b)	$-CHF_2$	-H
A123 (a and b)	$-CHF_2$	-*iso*-butyl
A124 (a and b)	$-CHF_2$	-*sec*-butyl
A125 (a and b)	$-CHF_2$	-*iso*-propyl
A126 (a and b)	$-CHF_2$	-n-propyl
A127 (a and b)	$-CHF_2$	-cyclohexyl
A128 (a and b)	$-CHF_2$	-*tert*-butoxy
A129 (a and b)	$-CHF_2$	-isopropoxy
A130 (a and b)	$-CHF_2$	$-CF_3$
A131 (a and b)	$-CHF_2$	$-CH_2CF_3$
A132 (a and b)	$-CHF_2$	$-OCF_3$
A133 (a and b)	$-CHF_2$	-Cl
A134 (a and b)	$-CHF_2$	-Br
A135 (a and b)	$-CHF_2$	-I
A136 (a and b)	$-CHF_2$	-n-butyl

Compound	R_1	R_{8a}
A137 (a and b)	$-CHF_2$	$-CH_3$
A138 (a and b)	$-CHF_2$	$-SCF_3$
A139 (a and b)	$-CHF_2$	$-N(CH_2CH_3)_2$
A140 (a and b)	$-CHF_2$	$-OCF_2CHF_2$
A141 (a and b)	$-CHF_2$	$-C(OH)(CF_3)_2$
A142 (a and b)	$-CHF_2$	-(1,1-dimethyl-pentyl)
A143 (a and b)	$-CHF_2$	-(1,1-dimethyl-acetic acid) ethyl ester
A144 (a and b)	$-CHF_2$	-*N*-piperidinyl
A145 (a and b)	-OH	-H
A146 (a and b)	-OH	-*tert*-butyl
A147 (a and b)	-OH	-*iso*-butyl
A148 (a and b)	-OH	-*sec*-butyl
A149 (a and b)	-OH	-*iso*-propyl
A150 (a and b)	-OH	-n-propyl
A151 (a and b)	-OH	-cyclohexyl
A152 (a and b)	-OH	-*tert*-butoxy
A153 (a and b)	-OH	-isopropoxy
A154 (a and b)	-OH	$-CF_3$
A155 (a and b)	-OH	$-CH_2CF_3$
A156 (a and b)	-OH	$-OCF_3$
A157 (a and b)	-OH	-Cl
A158 (a and b)	-OH	-Br
A159 (a and b)	-OH	-I
A160 (a and b)	-OH	-n-butyl
A161 (a and b)	-OH	$-CH_3$
A162 (a and b)	-OH	$-SCF_3$
A163 (a and b)	-OH	$-N(CH_2CH_3)_2$
A164 (a and b)	-OH	$-OCF_2CHF_2$
A165 (a and b)	-OH	$-C(OH)(CF_3)_2$
A166 (a and b)	-OH	-(1,1-dimethyl-pentyl)

Compound	R_1	R_{8a}
A167 (a and b)	-OH	-(1,1-dimethyl-acetic acid) ethyl ester
A168 (a and b)	-OH	-*N*-piperidinyl
A169 (a and b)	$-NO_2$	-H
A170 (a and b)	$-NO_2$	-*tert*-butyl
A171 (a and b)	$-NO_2$	-*iso*-butyl
A172 (a and b)	$-NO_2$	-*sec*-butyl
A173 (a and b)	$-NO_2$	-*iso*-propyl
A174 (a and b)	$-NO_2$	-n-propyl
A175 (a and b)	$-NO_2$	-cyclohexyl
A176 (a and b)	$-NO_2$	-*tert*-butoxy
A177 (a and b)	$-NO_2$	-isopropoxy
A178 (a and b)	$-NO_2$	$-CF_3$
A179 (a and b)	$-NO_2$	$-CH_2CF_3$
A180 (a and b)	$-NO_2$	$-OCF_3$
A181 (a and b)	$-NO_2$	-Cl
A182 (a and b)	$-NO_2$	-Br
A183 (a and b)	$-NO_2$	-I
A184 (a and b)	$-NO_2$	-n-butyl
A185 (a and b)	$-NO_2$	$-CH_3$
A186 (a and b)	$-NO_2$	$-SCF_3$
A187 (a and b)	$-NO_2$	$-N(CH_2CH_3)_2$
A188 (a and b)	$-NO_2$	$-OCF_2CHF_2$
A189 (a and b)	$-NO_2$	$-C(OH)(CF_3)_2$
A190 (a and b)	$-NO_2$	-(1,1-dimethyl-pentyl)
A191 (a and b)	$-NO_2$	-(1,1-dimethyl-acetic acid) ethyl ester
A192 (a and b)	$-NO_2$	-*N*-piperidinyl
A193 (a and b)	-CN	-H
A194 (a and b)	-CN	-*tert*-butyl
A195 (a and b)	-CN	-*iso*-butyl
A196 (a and b)	-CN	-*sec*-butyl

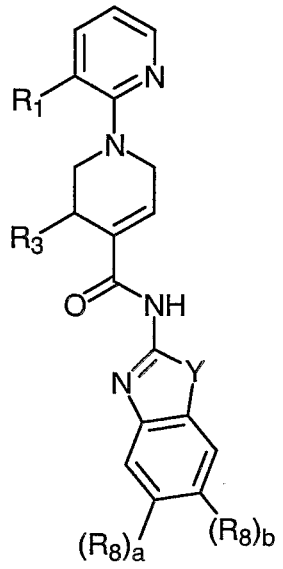
Compound	R_1	R_{8a}
A197 (a and b)	-CN	-*iso*-propyl
A198 (a and b)	-CN	-n-propyl
A199 (a and b)	-CN	-cyclohexyl
A200 (a and b)	-CN	-*tert*-butoxy
A201 (a and b)	-CN	-isopropoxy
A202 (a and b)	-CN	$-CF_3$
A203 (a and b)	-CN	$-CH_2CF_3$
A204 (a and b)	-CN	$-OCF_3$
A205 (a and b)	-CN	-Cl
A206 (a and b)	-CN	-Br
A207 (a and b)	-CN	-I
A208 (a and b)	-CN	-n-butyl
A209 (a and b)	-CN	$-CH_3$
A210 (a and b)	-CN	$-SCF_3$
A211 (a and b)	-CN	$-N(CH_2CH_3)_2$
A212 (a and b)	-CN	$-OCF_2CHF_2$
A213 (a and b)	-CN	$-C(OH)(CF_3)_2$
A214 (a and b)	-CN	-(1,1-dimethyl-pentyl)
A215 (a and b)	-CN	-(1,1-dimethyl-acetic acid) ethyl ester
A216 (a and b)	-CN	-*N*-piperidinyl
A217 (a and b)	-Br	-H
A218 (a and b)	-Br	-*tert*-butyl
A219 (a and b)	-Br	-*iso*-butyl
A220 (a and b)	-Br	-*sec*-butyl
A221 (a and b)	-Br	-*iso*-propyl
A222 (a and b)	-Br	-n-propyl
A223 (a and b)	-Br	-cyclohexyl
A224 (a and b)	-Br	-*tert*-butoxy
A225 (a and b)	-Br	-isopropoxy
A226 (a and b)	-Br	$-CF_3$

Compound	R_1	R_{8a}
A227 (a and b)	-Br	$-CH_2CF_3$
A228 (a and b)	-Br	$-OCF_3$
A229 (a and b)	-Br	-Cl
A230 (a and b)	-Br	-Br
A231 (a and b)	-Br	-I
A232 (a and b)	-Br	-n-butyl
A233 (a and b)	-Br	$-CH_3$
A234 (a and b)	-Br	$-SCF_3$
A235 (a and b)	-Br	$-N(CH_2CH_3)_2$
A236 (a and b)	-Br	$-OCF_2CHF_2$
A237 (a and b)	-Br	$-C(OH)(CF_3)_2$
A238 (a and b)	-Br	-(1,1-dimethyl-pentyl)
A239 (a and b)	-Br	-(1,1-dimethyl-acetic acid) ethyl ester
A240 (a and b)	-Br	-*N*-piperidinyl
A241 (a and b)	-I	-*tert*-butyl
A242 (a and b)	-I	-H
A243 (a and b)	-I	-*iso*-butyl
A244 (a and b)	-I	-*sec*-butyl
A245 (a and b)	-I	-*iso*-propyl
A246 (a and b)	-I	-n-propyl
A247 (a and b)	-I	-cyclohexyl
A248 (a and b)	-I	-*tert*-butoxy
A249 (a and b)	-I	-isopropoxy
A250 (a and b)	-I	$-CF_3$
A251 (a and b)	-I	$-CH_2CF_3$
A252 (a and b)	-I	$-OCF_3$
A253 (a and b)	-I	-Cl
A254 (a and b)	-I	-Br
A255 (a and b)	-I	-I
A256 (a and b)	-I	-n-butyl

Compound	R_1	R_{8a}
A257 (a and b)	-I	$-CH_3$
A258 (a and b)	-I	$-SCF_3$
A259 (a and b)	-I	$-N(CH_2CH_3)_2$
A260 (a and b)	-I	$-OCF_2CHF_2$
A261 (a and b)	-I	$-C(OH)(CF_3)_2$
A262 (a and b)	-I	-(1,1-dimethyl-pentyl)
A263 (a and b)	-I	-(1,1-dimethyl-acetic acid) ethyl ester
A264 (a and b)	-I	-*N*-piperidinyl

(a) means that R_3 is -H.
(b) means that R_3 is $-CH_3$.

Table 2



(Ib)

and pharmaceutically acceptable salts thereof, wherein:

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
B1 (a and b)	S	-H	-Cl	-H
B2 (a and b)	S	-H	-Br	-H
B3 (a and b)	S	-H	-F	-H
B4 (a and b)	S	-H	$-CH_3$	-H
B5 (a and b)	S	-H	$-CF_3$	-H
B6 (a and b)	S	-H	$-OCH_3$	-H
B7 (a and b)	S	-H	$-OCH_2CH_3$	-H
B8 (a and b)	S	-H	$-OCF_3$	-H
B9 (a and b)	S	-H	*-tert*-butyl	-H
B10 (a and b)	S	-H	*-iso*-propyl	-H
B11 (a and b)	S	-H	$-CH_3$	$-CH_3$
B12 (a and b)	S	-H	-H	-H
B13 (a and b)	S	-H	-H	-Cl
B14 (a and b)	S	-H	-H	-Br
B15 (a and b)	S	-H	-H	-F

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
B16 (a and b)	S	-H	-H	$-CH_3$
B17 (a and b)	S	-H	-H	$-CF_3$
B18 (a and b)	S	-H	-H	$-OCH_3$
B19 (a and b)	S	-H	-H	$-OCH_2CH_3$
B20 (a and b)	S	-H	-H	$-OCF_3$
B21 (a and b)	S	-H	-H	*-tert*-butyl
B22 (a and b)	S	-H	-H	*-iso*-propyl
B23 (a and b)	S	-Cl	-Cl	-H
B24 (a and b)	S	-Cl	-Br	-H
B25 (a and b)	S	-Cl	-F	-H
B26 (a and b)	S	-Cl	$-CH_3$	-H
B27 (a and b)	S	-Cl	$-CF_3$	-H
B28 (a and b)	S	-Cl	$-OCH_3$	-H
B29 (a and b)	S	-Cl	$-OCH_2CH_3$	-H
B30 (a and b)	S	-Cl	$-OCF_3$	-H
B31 (a and b)	S	-Cl	*-tert*-butyl	-H
B32 (a and b)	S	-Cl	*-iso*-propyl	-H
B33 (a and b)	S	-Cl	$-CH_3$	$-CH_3$
B34 (a and b)	S	-Cl	-H	-H
B35 (a and b)	S	-Cl	-H	-Cl
B36 (a and b)	S	-Cl	-H	-Br
B37 (a and b)	S	-Cl	-H	-F
B38 (a and b)	S	-Cl	-H	$-CH_3$
B39 (a and b)	S	-Cl	-H	$-CF_3$
B40 (a and b)	S	-Cl	-H	$-OCH_3$
B41 (a and b)	S	-Cl	-H	$-OCH_2CH_3$
B42 (a and b)	S	-Cl	-H	$-OCF_3$
B43 (a and b)	S	-Cl	-H	*-tert*-butyl
B44 (a and b)	S	-Cl	-H	*-iso*-propyl
B45 (a and b)	S	-Cl	-H	$-OCF_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
B46 (a and b)	S	-Cl	-H	-*tert*-butyl
B47 (a and b)	S	-Cl	-H	-*iso*-propyl
B48 (a and b)	S	$-CH_3$	-Cl	-H
B49 (a and b)	S	$-CH_3$	-Br	-H
B50 (a and b)	S	$-CH_3$	-F	-H
B51 (a and b)	S	$-CH_3$	$-CH_3$	-H
B52 (a and b)	S	$-CH_3$	$-CF_3$	-H
B53 (a and b)	S	$-CH_3$	$-OCH_3$	-H
B54 (a and b)	S	$-CH_3$	$-OCH_2CH_3$	-H
B55 (a and b)	S	$-CH_3$	$-OCF_3$	-H
B56 (a and b)	S	$-CH_3$	-*tert*-butyl	-H
B57 (a and b)	S	$-CH_3$	-*iso*-propyl	-H
B58 (a and b)	S	$-CH_3$	$-CH_3$	$-CH_3$
B59 (a and b)	S	$-CH_3$	-H	-H
B60 (a and b)	S	$-CH_3$	-H	-Cl
B61 (a and b)	S	$-CH_3$	-H	-Br
B62 (a and b)	S	$-CH_3$	-H	-F
B63 (a and b)	S	$-CH_3$	-H	$-CH_3$
B64 (a and b)	S	$-CH_3$	-H	$-CF_3$
B65 (a and b)	S	$-CH_3$	-H	$-OCH_3$
B66 (a and b)	S	$-CH_3$	-H	$-OCH_2CH_3$
B67 (a and b)	S	$-CH_3$	-H	$-OCF_3$
B68 (a and b)	S	$-CH_3$	-H	-*tert*-butyl
B69 (a and b)	S	$-CH_3$	-H	-*iso*-propyl
B70 (a and b)	S	$-CF_3$	-Cl	-H
B71 (a and b)	S	$-CF_3$	-Br	-H
B72 (a and b)	S	$-CF_3$	-F	-H
B73 (a and b)	S	$-CF_3$	$-CH_3$	-H
B74 (a and b)	S	$-CF_3$	$-CF_3$	-H
B75 (a and b)	S	$-CF_3$	$-OCH_3$	-H
B76 (a and b)	S	$-CF_3$	$-OCH_2CH_3$	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
B77 (a and b)	S	$-CF_3$	$-OCF_3$	-H
B78 (a and b)	S	$-CF_3$	*-tert*-butyl	-H
B79 (a and b)	S	$-CF_3$	*-iso*-propyl	-H
B80 (a and b)	S	$-CF_3$	$-CH_3$	$-CH_3$
B81 (a and b)	S	$-CF_3$	-H	-H
B82 (a and b)	S	$-CF_3$	-H	-Cl
B83 (a and b)	S	$-CF_3$	-H	-Br
B84 (a and b)	S	$-CF_3$	-H	-F
B85 (a and b)	S	$-CF_3$	-H	$-CH_3$
B86 (a and b)	S	$-CF_3$	-H	$-CF_3$
B87 (a and b)	S	$-CF_3$	-H	$-OCH_3$
B88 (a and b)	S	$-CF_3$	-H	$-OCH_2CH_3$
B89 (a and b)	S	$-CF_3$	-H	$-OCF_3$
B90 (a and b)	S	$-CF_3$	-H	*-tert*-butyl
B91 (a and b)	S	$-CF_3$	-H	*-iso*-propyl
B92 (a and b)	S	$-CHF_2$	-Cl	-H
B93 (a and b)	S	$-CHF_2$	-Br	-H
B94 (a and b)	S	$-CHF_2$	-F	-H
B95 (a and b)	S	$-CHF_2$	$-CH_3$	-H
B96 (a and b)	S	$-CHF_2$	$-CF_3$	-H
B97 (a and b)	S	$-CHF_2$	$-OCH_3$	-H
B98 (a and b)	S	$-CHF_2$	$-OCH_2CH_3$	-H
B99 (a and b)	S	$-CHF_2$	$-OCF_3$	-H
B100 (a and b)	S	$-CHF_2$	*-tert*-butyl	-H
B101 (a and b)	S	$-CHF_2$	*-iso*-propyl	-H
B102 (a and b)	S	$-CHF_2$	$-CH_3$	$-CH_3$
B103 (a and b)	S	$-CHF_2$	-H	-H
B104 (a and b)	S	$-CHF_2$	-H	-Cl
B105 (a and b)	S	$-CHF_2$	-H	-Br
B106 (a and b)	S	$-CHF_2$	-H	-F
B107 (a and b)	S	$-CHF_2$	-H	$-CH_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
B108 (a and b)	S	$-CHF_2$	-H	$-CF_3$
B109 (a and b)	S	$-CHF_2$	-H	$-OCH_3$
B110 (a and b)	S	$-CHF_2$	-H	$-OCH_2CH_3$
B111 (a and b)	S	$-CHF_2$	-H	$-OCF_3$
B112 (a and b)	S	$-CHF_2$	-H	-*tert*-butyl
B113 (a and b)	S	$-CHF_2$	-H	-*iso*-propyl
B114 (a and b)	S	-OH	-Cl	-H
B115 (a and b)	S	-OH	-Br	-H
B116 (a and b)	S	-OH	-F	-H
B117 (a and b)	S	-OH	$-CH_3$	-H
B118 (a and b)	S	-OH	$-CF_3$	-H
B119 (a and b)	S	-OH	$-OCH_3$	-H
B120 (a and b)	S	-OH	$-OCH_2CH_3$	-H
B121 (a and b)	S	-OH	$-OCF_3$	-H
B122 (a and b)	S	-OH	-*tert*-butyl	-H
B123 (a and b)	S	-OH	-*iso*-propyl	-H
B124 (a and b)	S	-OH	$-CH_3$	$-CH_3$
B125 (a and b)	S	-OH	-H	-H
B126 (a and b)	S	-OH	-H	-Cl
B127 (a and b)	S	-OH	-H	-Br
B128 (a and b)	S	-OH	-H	-F
B129 (a and b)	S	-OH	-H	$-CH_3$
B130 (a and b)	S	-OH	-H	$-CF_3$
B131 (a and b)	S	-OH	-H	$-OCH_3$
B132 (a and b)	S	-OH	-H	$-OCH_2CH_3$
B133 (a and b)	S	-OH	-H	$-OCF_3$
B134 (a and b)	S	-OH	-H	-*tert*-butyl
B135 (a and b)	S	-OH	-H	-*iso*-propyl
B136 (a and b)	S	$-NO_2$	-Cl	-H
B137 (a and b)	S	$-NO_2$	-Br	-H
B138 (a and b)	S	$-NO_2$	-F	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
B139 (a and b)	S	$-NO_2$	$-CH_3$	-H
B140 (a and b)	S	$-NO_2$	$-CF_3$	-H
B141 (a and b)	S	$-NO_2$	$-OCH_3$	-H
B142 (a and b)	S	$-NO_2$	$-OCH_2CH_3$	-H
B143 (a and b)	S	$-NO_2$	$-OCF_3$	-H
B144 (a and b)	S	$-NO_2$	*-tert*-butyl	-H
B145 (a and b)	S	$-NO_2$	*-iso*-propyl	-H
B146 (a and b)	S	$-NO_2$	$-CH_3$	$-CH_3$
B147 (a and b)	S	$-NO_2$	-H	-H
B148 (a and b)	S	$-NO_2$	-H	-Cl
B149 (a and b)	S	$-NO_2$	-H	-Br
B150 (a and b)	S	$-NO_2$	-H	-F
B151 (a and b)	S	$-NO_2$	-H	$-CH_3$
B152 (a and b)	S	$-NO_2$	-H	$-CF_3$
B153 (a and b)	S	$-NO_2$	-H	$-OCH_3$
B154 (a and b)	S	$-NO_2$	-H	$-OCH_2CH_3$
B155 (a and b)	S	$-NO_2$	-H	$-OCF_3$
B156 (a and b)	S	$-NO_2$	-H	*-tert*-butyl
B157 (a and b)	S	$-NO_2$	-H	*-iso*-propyl
B158 (a and b)	S	-CN	-Br	-H
B159 (a and b)	S	-CN	-Cl	-H
B160 (a and b)	S	-CN	-F	-H
B161 (a and b)	S	-CN	$-CH_3$	-H
B162 (a and b)	S	-CN	$-CF_3$	-H
B163 (a and b)	S	-CN	$-OCH_3$	-H
B164 (a and b)	S	-CN	$-OCH_2CH_3$	-H
B165 (a and b)	S	-CN	$-OCF_3$	-H
B166 (a and b)	S	-CN	*-tert*-butyl	-H
B167 (a and b)	S	-CN	*-iso*-propyl	-H
B168 (a and b)	S	-CN	$-CH_3$	$-CH_3$
B169 (a and b)	S	-CN	-H	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
B170 (a and b)	S	-CN	-H	-Cl
B171 (a and b)	S	-CN	-H	-Br
B172 (a and b)	S	-CN	-H	-F
B173 (a and b)	S	-CN	-H	$-CH_3$
B174 (a and b)	S	-CN	-H	$-CF_3$
B175 (a and b)	S	-CN	-H	$-OCH_3$
B176 (a and b)	S	-CN	-H	$-OCH_2CH_3$
B177 (a and b)	S	-CN	-H	$-OCF_3$
B178 (a and b)	S	-CN	-H	*-tert*-butyl
B179 (a and b)	S	-CN	-H	*-iso*-propyl
B180 (a and b)	S	-Br	-Br	-H
B181 (a and b)	S	-Br	-Cl	-H
B182 (a and b)	S	-Br	-F	-H
B183 (a and b)	S	-Br	$-CH_3$	-H
B184 (a and b)	S	-Br	$-CF_3$	-H
B185 (a and b)	S	-Br	$-OCH_3$	-H
B186 (a and b)	S	-Br	$-OCH_2CH_3$	-H
B187 (a and b)	S	-Br	$-OCF_3$	-H
B188 (a and b)	S	-Br	*-tert*-butyl	-H
B189 (a and b)	S	-Br	*-iso*-propyl	-H
B190 (a and b)	S	-Br	$-CH_3$	$-CH_3$
B191 (a and b)	S	-Br	-H	-H
B192 (a and b)	S	-Br	-H	-Cl
B193 (a and b)	S	-Br	-H	-Br
B194 (a and b)	S	-Br	-H	-F
B195 (a and b)	S	-Br	-H	$-CH_3$
B196 (a and b)	S	-Br	-H	$-CF_3$
B197 (a and b)	S	-Br	-H	$-OCH_3$
B198 (a and b)	S	-Br	-H	$-OCH_2CH_3$
B199 (a and b)	S	-Br	-H	$-OCF_3$
B200 (a and b)	S	-Br	-H	*-tert*-butyl

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
B201 (a and b)	S	-Br	-H	-*iso*-propyl
B202 (a and b)	S	-I	-Cl	-H
B203 (a and b)	S	-I	-Br	-H
B204 (a and b)	S	-I	-F	-H
B205 (a and b)	S	-I	$-CH_3$	-H
B206 (a and b)	S	-I	$-CF_3$	-H
B207 (a and b)	S	-I	$-OCH_3$	-H
B208 (a and b)	S	-I	$-OCH_2CH_3$	-H
B209 (a and b)	S	-I	$-OCF_3$	-H
B210 (a and b)	S	-I	-*tert*-butyl	-H
B211 (a and b)	S	-I	-*iso*-propyl	-H
B212 (a and b)	S	-I	$-CH_3$	$-CH_3$
B213 (a and b)	S	-I	-H	-H
B214 (a and b)	S	-I	-H	-Cl
B215 (a and b)	S	-I	-H	-Br
B216 (a and b)	S	-I	-H	-F
B217 (a and b)	S	-I	-H	$-CH_3$
B218 (a and b)	S	-I	-H	$-CF_3$
B219 (a and b)	S	-I	-H	$-OCH_3$
B220 (a and b)	S	-I	-H	$-OCH_2CH_3$
B221 (a and b)	S	-I	-H	$-OCF_3$
B222 (a and b)	S	-I	-H	-*tert*-butyl
B223 (a and b)	S	-I	-H	-*iso*-propyl
B224 (a and b)	O	-H	-Cl	-H
B225 (a and b)	O	-H	-Br	-H
B226 (a and b)	O	-H	-F	-H
B227 (a and b)	O	-H	$-CH_3$	-H
B228 (a and b)	O	-H	$-CF_3$	-H
B229 (a and b)	O	-H	$-OCH_3$	-H
B230 (a and b)	O	-H	$-OCH_2CH_3$	-H
B231 (a and b)	O	-H	$-OCF_3$	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
B232 (a and b)	O	-H	-*tert*-butyl	-H
B233 (a and b)	O	-H	-*iso*-propyl	-H
B234 (a and b)	O	-H	$-CH_3$	$-CH_3$
B235 (a and b)	O	-H	-H	-H
B236 (a and b)	O	-H	-H	-Cl
B237 (a and b)	O	-H	-H	-Br
B238 (a and b)	O	-H	-H	-F
B239 (a and b)	O	-H	-H	$-CH_3$
B240 (a and b)	O	-H	-H	$-CF_3$
B241 (a and b)	O	-H	-H	$-OCH_3$
B242 (a and b)	O	-H	-H	$-OCH_2CH_3$
B243 (a and b)	O	-H	-H	$-OCF_3$
B244 (a and b)	O	-H	-H	-*tert*-butyl
B245 (a and b)	O	-H	-H	-*iso*-propyl
B246 (a and b)	O	-Cl	-Cl	-H
B247 (a and b)	O	-Cl	-Br	-H
B248 (a and b)	O	-Cl	-F	-H
B249 (a and b)	O	-Cl	$-CH_3$	-H
B250 (a and b)	O	-Cl	$-CF_3$	-H
B251 (a and b)	O	-Cl	$-OCH_3$	-H
B252 (a and b)	O	-Cl	$-OCH_2CH_3$	-H
B253 (a and b)	O	-Cl	$-OCF_3$	-H
B254 (a and b)	O	-Cl	-*tert*-butyl	-H
B255 (a and b)	O	-Cl	-*iso*-propyl	-H
B256 (a and b)	O	-Cl	$-CH_3$	$-CH_3$
B257 (a and b)	O	-Cl	-H	-H
B258 (a and b)	O	-Cl	-H	$-CH_3$
B259 (a and b)	O	-Cl	-H	-Cl
B260 (a and b)	O	-Cl	-H	-Br
B261 (a and b)	O	-Cl	-H	-F
B262 (a and b)	O	-Cl	-H	$-CF_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
B263 (a and b)	O	-Cl	-H	$-OCH_3$
B264 (a and b)	O	-Cl	-H	$-OCH_2CH_3$
B265 (a and b)	O	-Cl	-H	$-OCF_3$
B266 (a and b)	O	-Cl	-H	-*tert*-butyl
B267 (a and b)	O	-Cl	-H	-*iso*-propyl
B268 (a and b)	O	-Cl	-H	$-OCF_3$
B269 (a and b)	O	-Cl	-H	-*tert*-butyl
B270 (a and b)	O	-Cl	-H	-*iso*-propyl
B271 (a and b)	O	$-CH_3$	-Cl	-H
B272 (a and b)	O	$-CH_3$	-Br	-H
B273 (a and b)	O	$-CH_3$	-F	-H
B274 (a and b)	O	$-CH_3$	$-CH_3$	-H
B275 (a and b)	O	$-CH_3$	$-CF_3$	-H
B276 (a and b)	O	$-CH_3$	$-OCH_3$	-H
B277 (a and b)	O	$-CH_3$	$-OCH_2CH_3$	-H
B278 (a and b)	O	$-CH_3$	$-OCF_3$	-H
B279 (a and b)	O	$-CH_3$	-*tert*-butyl	-H
B280 (a and b)	O	$-CH_3$	-*iso*-propyl	-H
B281 (a and b)	O	$-CH_3$	$-CH_3$	$-CH_3$
B282 (a and b)	O	$-CH_3$	-H	-H
B283 (a and b)	O	$-CH_3$	-H	-Cl
B284 (a and b)	O	$-CH_3$	-H	-Br
B285 (a and b)	O	$-CH_3$	-H	-F
B286 (a and b)	O	$-CH_3$	-H	$-CH_3$
B287 (a and b)	O	$-CH_3$	-H	$-CF_3$
B288 (a and b)	O	$-CH_3$	-H	$-OCH_3$
B289 (a and b)	O	$-CH_3$	-H	$-OCH_2CH_3$
B290 (a and b)	O	$-CH_3$	-H	$-OCF_3$
B291 (a and b)	O	$-CH_3$	-H	-*tert*-butyl
B292 (a and b)	O	$-CH_3$	-H	-*iso*-propyl
B293 (a and b)	O	$-CF_3$	-Cl	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
B294 (a and b)	O	$-CF_3$	-Br	-H
B295 (a and b)	O	$-CF_3$	-F	-H
B296 (a and b)	O	$-CF_3$	$-CH_3$	-H
B297 (a and b)	O	$-CF_3$	$-CF_3$	-H
B298 (a and b)	O	$-CF_3$	$-OCH_3$	-H
B299 (a and b)	O	$-CF_3$	$-OCH_2CH_3$	-H
B300 (a and b)	O	$-CF_3$	$-OCF_3$	-H
B301 (a and b)	O	$-CF_3$	*-tert*-butyl	-H
B302 (a and b)	O	$-CF_3$	*-iso*-propyl	-H
B303 (a and b)	O	$-CF_3$	$-CH_3$	$-CH_3$
B304 (a and b)	O	$-CF_3$	-H	-H
B305 (a and b)	O	$-CF_3$	-H	-Cl
B306 (a and b)	O	$-CF_3$	-H	-Br
B307 (a and b)	O	$-CF_3$	-H	-F
B308 (a and b)	O	$-CF_3$	-H	$-CH_3$
B309 (a and b)	O	$-CF_3$	-H	$-CF_3$
B310 (a and b)	O	$-CF_3$	-H	$-OCH_3$
B311 (a and b)	O	$-CF_3$	-H	$-OCH_2CH_3$
B312 (a and b)	O	$-CF_3$	-H	$-OCF_3$
B313 (a and b)	O	$-CF_3$	-H	*-tert*-butyl
B314 (a and b)	O	$-CF_3$	-H	*-iso*-propyl
B315 (a and b)	O	$-CHF_2$	-Cl	-H
B316 (a and b)	O	$-CHF_2$	-Br	-H
B317 (a and b)	O	$-CHF_2$	-F	-H
B318 (a and b)	O	$-CHF_2$	$-CH_3$	-H
B319 (a and b)	O	$-CHF_2$	$-CF_3$	-H
B320 (a and b)	O	$-CHF_2$	$-OCH_3$	-H
B321 (a and b)	O	$-CHF_2$	$-OCH_2CH_3$	-H
B322 (a and b)	O	$-CHF_2$	$-OCF_3$	-H
B323 (a and b)	O	$-CHF_2$	*-tert*-butyl	-H
B324 (a and b)	O	$-CHF_2$	*-iso*-propyl	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
B325 (a and b)	O	$-CHF_2$	$-CH_3$	$-CH_3$
B326 (a and b)	O	$-CHF_2$	-H	-H
B327 (a and b)	O	$-CHF_2$	-H	-Cl
B328 (a and b)	O	$-CHF_2$	-H	-Br
B329 (a and b)	O	$-CHF_2$	-H	-F
B330 (a and b)	O	$-CHF_2$	-H	$-CH_3$
B331 (a and b)	O	$-CHF_2$	-H	$-CF_3$
B332 (a and b)	O	$-CHF_2$	-H	$-OCH_3$
B333 (a and b)	O	$-CHF_2$	-H	$-OCH_2CH_3$
B334 (a and b)	O	$-CHF_2$	-H	$-OCF_3$
B335 (a and b)	O	$-CHF_2$	-H	*-tert*-butyl
B336 (a and b)	O	$-CHF_2$	-H	*-iso*-propyl
B337 (a and b)	O	-OH	-Cl	-H
B338 (a and b)	O	-OH	-Br	-H
B339 (a and b)	O	-OH	-F	-H
B340 (a and b)	O	-OH	$-CH_3$	-H
B341 (a and b)	O	-OH	$-CF_3$	-H
B342 (a and b)	O	-OH	$-OCH_3$	-H
B343 (a and b)	O	-OH	$-OCH_2CH_3$	-H
B344 (a and b)	O	-OH	$-OCF_3$	-H
B345 (a and b)	O	-OH	*-tert*-butyl	-H
B346 (a and b)	O	-OH	*-iso*-propyl	-H
B347 (a and b)	O	-OH	$-CH_3$	$-CH_3$
B348 (a and b)	O	-OH	-H	-H
B349 (a and b)	O	-OH	-H	-Cl
B350 (a and b)	O	-OH	-H	-Br
B351 (a and b)	O	-OH	-H	-F
B352 (a and b)	O	-OH	-H	$-CH_3$
B353 (a and b)	O	-OH	-H	$-CF_3$
B354 (a and b)	O	-OH	-H	$-OCH_3$
B355 (a and b)	O	-OH	-H	$-OCH_2CH_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
B356 (a and b)	O	-OH	-H	$-OCF_3$
B357 (a and b)	O	-OH	-H	*-tert*-butyl
B358 (a and b)	O	-OH	-H	*-iso*-propyl
B359 (a and b)	O	$-NO_2$	-Cl	-H
B360 (a and b)	O	$-NO_2$	-Br	-H
B361 (a and b)	O	$-NO_2$	-F	-H
B362 (a and b)	O	$-NO_2$	$-CH_3$	-H
B363 (a and b)	O	$-NO_2$	$-CF_3$	-H
B364 (a and b)	O	$-NO_2$	$-OCH_3$	-H
B365 (a and b)	O	$-NO_2$	$-OCH_2CH_3$	-H
B366 (a and b)	O	$-NO_2$	$-OCF_3$	-H
B367 (a and b)	O	$-NO_2$	*-tert*-butyl	-H
B368 (a and b)	O	$-NO_2$	*-iso*-propyl	-H
B369 (a and b)	O	$-NO_2$	$-CH_3$	$-CH_3$
B370 (a and b)	O	$-NO_2$	-H	-H
B371 (a and b)	O	$-NO_2$	-H	-Cl
B372 (a and b)	O	$-NO_2$	-H	-Br
B373 (a and b)	O	$-NO_2$	-H	-F
B374 (a and b)	O	$-NO_2$	-H	$-CH_3$
B375 (a and b)	O	$-NO_2$	-H	$-CF_3$
B376 (a and b)	O	$-NO_2$	-H	$-OCH_3$
B377 (a and b)	O	$-NO_2$	-H	$-OCH_2CH_3$
B378 (a and b)	O	$-NO_2$	-H	$-OCF_3$
B379 (a and b)	O	$-NO_2$	-H	*-tert*-butyl
B380 (a and b)	O	$-NO_2$	-H	*-iso*-propyl
B381 (a and b)	O	-CN	-Br	-H
B382 (a and b)	O	-CN	-Cl	-H
B383 (a and b)	O	-CN	-F	-H
B384 (a and b)	O	-CN	$-CH_3$	-H
B385 (a and b)	O	-CN	$-CF_3$	-H
B386 (a and b)	O	-CN	$-OCH_3$	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
B387 (a and b)	O	-CN	$-OCH_2CH_3$	-H
B388 (a and b)	O	-CN	$-OCF_3$	-H
B389 (a and b)	O	-CN	*-tert*-butyl	-H
B390 (a and b)	O	-CN	*-iso*-propyl	-H
B391 (a and b)	O	-CN	$-CH_3$	$-CH_3$
B392 (a and b)	O	-CN	-H	-H
B393 (a and b)	O	-CN	-H	-Cl
B394 (a and b)	O	-CN	-H	-Br
B395 (a and b)	O	-CN	-H	-F
B396 (a and b)	O	-CN	-H	$-CH_3$
B397 (a and b)	O	-CN	-H	$-CF_3$
B398 (a and b)	O	-CN	-H	$-OCH_3$
B399 (a and b)	O	-CN	-H	$-OCH_2CH_3$
B400 (a and b)	O	-CN	-H	$-OCF_3$
B401 (a and b)	O	-CN	-H	*-tert*-butyl
B402 (a and b)	O	-CN	-H	*-iso*-propyl
B403 (a and b)	O	-Br	-Br	-H
B404 (a and b)	O	-Br	-Cl	-H
B405 (a and b)	O	-Br	-F	-H
B406 (a and b)	O	-Br	$-CH_3$	-H
B407 (a and b)	O	-Br	$-CF_3$	-H
B408 (a and b)	O	-Br	$-OCH_3$	-H
B409 (a and b)	O	-Br	$-OCH_2CH_3$	-H
B410 (a and b)	O	-Br	$-OCF_3$	-H
B411 (a and b)	O	-Br	*-tert*-butyl	-H
B412 (a and b)	O	-Br	*-iso*-propyl	-H
B413 (a and b)	O	-Br	$-CH_3$	$-CH_3$
B414 (a and b)	O	-Br	-H	-H
B415 (a and b)	O	-Br	-H	-Cl
B416 (a and b)	O	-Br	-H	-Br
B417 (a and b)	O	-Br	-H	-F

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
B418 (a and b)	O	-Br	-H	$-CH_3$
B419 (a and b)	O	-Br	-H	$-CF_3$
B420 (a and b)	O	-Br	-H	$-OCH_3$
B421 (a and b)	O	-Br	-H	$-OCH_2CH_3$
B422 (a and b)	O	-Br	-H	$-OCF_3$
B423 (a and b)	O	-Br	-H	-*tert*-butyl
B424 (a and b)	O	-Br	-H	-*iso*-propyl
B425 (a and b)	O	-I	-Cl	-H
B426 (a and b)	O	-I	-Br	-H
B427 (a and b)	O	-I	-F	-H
B428 (a and b)	O	-I	$-CH_3$	-H
B429 (a and b)	O	-I	$-CF_3$	-H
B430 (a and b)	O	-I	$-OCH_3$	-H
B431 (a and b)	O	-I	$-OCH_2CH_3$	-H
B432 (a and b)	O	-I	$-OCF_3$	-H
B433 (a and b)	O	-I	-*tert*-butyl	-H
B434 (a and b)	O	-I	-*iso*-propyl	-H
B435 (a and b)	O	-I	$-CH_3$	$-CH_3$
B436 (a and b)	O	-I	-H	-H
B437 (a and b)	O	-I	-H	-Cl
B438 (a and b)	O	-I	-H	-Br
B439 (a and b)	O	-I	-H	-F
B440 (a and b)	O	-I	-H	$-CH_3$
B441 (a and b)	O	-I	-H	$-CF_3$
B442 (a and b)	O	-I	-H	$-OCH_3$
B443 (a and b)	O	-I	-H	$-OCH_2CH_3$
B444 (a and b)	O	-I	-H	$-OCF_3$
B445 (a and b)	O	-I	-H	-*tert*-butyl
B446 (a and b)	O	-I	-H	-*iso*-propyl
B447 (a and b)	NH	-H	-Cl	-H
B448 (a and b)	NH	-H	-Br	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
B449 (a and b)	NH	-H	-F	-H
B450 (a and b)	NH	-H	$-CH_3$	-H
B451 (a and b)	NH	-H	$-CF_3$	-H
B452 (a and b)	NH	-H	$-OCH_3$	-H
B453 (a and b)	NH	-H	$-OCH_2CH_3$	-H
B454 (a and b)	NH	-H	$-OCF_3$	-H
B455 (a and b)	NH	-H	-*tert*-butyl	-H
B456 (a and b)	NH	-H	-*iso*-propyl	-H
B457 (a and b)	NH	-H	$-CH_3$	$-CH_3$
B458 (a and b)	NH	-H	-H	-H
B459 (a and b)	NH	-H	-H	-Cl
B460 (a and b)	NH	-H	-H	-Br
B461 (a and b)	NH	-H	-H	-F
B462 (a and b)	NH	-H	-H	$-CH_3$
B463 (a and b)	NH	-H	-H	$-CF_3$
B464 (a and b)	NH	-H	-H	$-OCH_3$
B465 (a and b)	NH	-H	-H	$-OCH_2CH_3$
B466 (a and b)	NH	-H	-H	$-OCF_3$
B467 (a and b)	NH	-H	-H	-*tert*-butyl
B468 (a and b)	NH	-H	-H	-*iso*-propyl
B469 (a and b)	NH	-Cl	-Cl	-H
B470 (a and b)	NH	-Cl	-Br	-H
B471 (a and b)	NH	-Cl	-F	-H
B472 (a and b)	NH	-Cl	$-CH_3$	-H
B473 (a and b)	NH	-Cl	$-CF_3$	-H
B474 (a and b)	NH	-Cl	$-OCH_3$	-H
B475 (a and b)	NH	-Cl	$-OCH_2CH_3$	-H
B476 (a and b)	NH	-Cl	$-OCF_3$	-H
B477 (a and b)	NH	-Cl	-*tert*-butyl	-H
B478 (a and b)	NH	-Cl	-*iso*-propyl	-H
B479 (a and b)	NH	-Cl	$-CH_3$	$-CH_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
B480 (a and b)	NH	-Cl	-H	-H
B481 (a and b)	NH	-Cl	-H	$-CH_3$
B482 (a and b)	NH	-Cl	-H	-Cl
B483 (a and b)	NH	-Cl	-H	-Br
B484 (a and b)	NH	-Cl	-H	-F
B485 (a and b)	NH	-Cl	-H	$-CF_3$
B486 (a and b)	NH	-Cl	-H	$-OCH_3$
B487 (a and b)	NH	-Cl	-H	$-OCH_2CH_3$
B488 (a and b)	NH	-Cl	-H	$-OCF_3$
B489 (a and b)	NH	-Cl	-H	*-tert*-butyl
B490 (a and b)	NH	-Cl	-H	*-iso*-propyl
B491 (a and b)	NH	-Cl	-H	$-OCF_3$
B492 (a and b)	NH	-Cl	-H	*-tert*-butyl
B493 (a and b)	NH	-Cl	-H	*-iso*-propyl
B494 (a and b)	NH	$-CH_3$	-Cl	-H
B495 (a and b)	NH	$-CH_3$	-Br	-H
B496 (a and b)	NH	$-CH_3$	-F	-H
B497 (a and b)	NH	$-CH_3$	$-CH_3$	-H
B498 (a and b)	NH	$-CH_3$	$-CF_3$	-H
B499 (a and b)	NH	$-CH_3$	$-OCH_3$	-H
B500 (a and b)	NH	$-CH_3$	$-OCH_2CH_3$	-H
B501 (a and b)	NH	$-CH_3$	$-OCF_3$	-H
B502 (a and b)	NH	$-CH_3$	*-tert*-butyl	-H
B503 (a and b)	NH	$-CH_3$	*-iso*-propyl	-H
B504 (a and b)	NH	$-CH_3$	$-CH_3$	$-CH_3$
B505 (a and b)	NH	$-CH_3$	-H	-H
B506 (a and b)	NH	$-CH_3$	-H	-Cl
B507 (a and b)	NH	$-CH_3$	-H	-Br
B508 (a and b)	NH	$-CH_3$	-H	-F
B509 (a and b)	NH	$-CH_3$	-H	$-CH_3$
B510 (a and b)	NH	$-CH_3$	-H	$-CF_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
B511 (a and b)	NH	$-CH_3$	-H	$-OCH_3$
B512 (a and b)	NH	$-CH_3$	-H	$-OCH_2CH_3$
B513 (a and b)	NH	$-CH_3$	-H	$-OCF_3$
B514 (a and b)	NH	$-CH_3$	-H	*-tert*-butyl
B515 (a and b)	NH	$-CH_3$	-H	*-iso*-propyl
B516 (a and b)	NH	$-CF_3$	-Cl	-H
B517 (a and b)	NH	$-CF_3$	-Br	-H
B518 (a and b)	NH	$-CF_3$	-F	-H
B519 (a and b)	NH	$-CF_3$	$-CH_3$	-H
B520 (a and b)	NH	$-CF_3$	$-CF_3$	-H
B521 (a and b)	NH	$-CF_3$	$-OCH_3$	-H
B522 (a and b)	NH	$-CF_3$	$-OCH_2CH_3$	-H
B523 (a and b)	NH	$-CF_3$	$-OCF_3$	-H
B524 (a and b)	NH	$-CF_3$	*-tert*-butyl	-H
B525 (a and b)	NH	$-CF_3$	*-iso*-propyl	-H
B526 (a and b)	NH	$-CF_3$	$-CH_3$	$-CH_3$
B527 (a and b)	NH	$-CF_3$	-H	-H
B528 (a and b)	NH	$-CF_3$	-H	-Cl
B529 (a and b)	NH	$-CF_3$	-H	-Br
B530 (a and b)	NH	$-CF_3$	-H	-F
B531 (a and b)	NH	$-CF_3$	-H	$-CH_3$
B532 (a and b)	NH	$-CF_3$	-H	$-CF_3$
B533 (a and b)	NH	$-CF_3$	-H	$-OCH_3$
B534 (a and b)	NH	$-CF_3$	-H	$-OCH_2CH_3$
B535 (a and b)	NH	$-CF_3$	-H	$-OCF_3$
B536 (a and b)	NH	$-CF_3$	-H	*-tert*-butyl
B537 (a and b)	NH	$-CF_3$	-H	*-iso*-propyl
B538 (a and b)	NH	$-CHF_2$	-Cl	-H
B539 (a and b)	NH	$-CHF_2$	-Br	-H
B540 (a and b)	NH	$-CHF_2$	-F	-H
B541 (a and b)	NH	$-CHF_2$	$-CH_3$	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
B542 (a and b)	NH	$-CHF_2$	$-CF_3$	-H
B543 (a and b)	NH	$-CHF_2$	$-OCH_3$	-H
B544 (a and b)	NH	$-CHF_2$	$-OCH_2CH_3$	-H
B545 (a and b)	NH	$-CHF_2$	$-OCF_3$	-H
B546 (a and b)	NH	$-CHF_2$	*-tert*-butyl	-H
B547 (a and b)	NH	$-CHF_2$	*-iso*-propyl	-H
B548 (a and b)	NH	$-CHF_2$	$-CH_3$	$-CH_3$
B549 (a and b)	NH	$-CHF_2$	-H	-H
B550 (a and b)	NH	$-CHF_2$	-H	-Cl
B551 (a and b)	NH	$-CHF_2$	-H	-Br
B552 (a and b)	NH	$-CHF_2$	-H	-F
B553 (a and b)	NH	$-CHF_2$	-H	$-CH_3$
B554 (a and b)	NH	$-CHF_2$	-H	$-CF_3$
B555 (a and b)	NH	$-CHF_2$	-H	$-OCH_3$
B556 (a and b)	NH	$-CHF_2$	-H	$-OCH_2CH_3$
B557 (a and b)	NH	$-CHF_2$	-H	$-OCF_3$
B558 (a and b)	NH	$-CHF_2$	-H	*-tert*-butyl
B559 (a and b)	NH	$-CHF_2$	-H	*-iso*-propyl
B560 (a and b)	NH	-OH	-Cl	-H
B561 (a and b)	NH	-OH	-Br	-H
B562 (a and b)	NH	-OH	-F	-H
B563 (a and b)	NH	-OH	$-CH_3$	-H
B564 (a and b)	NH	-OH	$-CF_3$	-H
B565 (a and b)	NH	-OH	$-OCH_3$	-H
B566 (a and b)	NH	-OH	$-OCH_2CH_3$	-H
B567 (a and b)	NH	-OH	$-OCF_3$	-H
B568 (a and b)	NH	-OH	*-tert*-butyl	-H
B569 (a and b)	NH	-OH	*-iso*-propyl	-H
B570 (a and b)	NH	-OH	$-CH_3$	$-CH_3$
B571 (a and b)	NH	-OH	-H	-H
B572 (a and b)	NH	-OH	-H	-Cl

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
B573 (a and b)	NH	-OH	-H	-Br
B574 (a and b)	NH	-OH	-H	-F
B575 (a and b)	NH	-OH	-H	$-CH_3$
B576 (a and b)	NH	-OH	-H	$-CF_3$
B577 (a and b)	NH	-OH	-H	$-OCH_3$
B578 (a and b)	NH	-OH	-H	$-OCH_2CH_3$
B579 (a and b)	NH	-OH	-H	$-OCF_3$
B580 (a and b)	NH	-OH	-H	*-tert*-butyl
B581 (a and b)	NH	-OH	-H	*-iso*-propyl
B582 (a and b)	NH	$-NO_2$	-Cl	-H
B583 (a and b)	NH	$-NO_2$	-Br	-H
B584 (a and b)	NH	$-NO_2$	-F	-H
B585 (a and b)	NH	$-NO_2$	$-CH_3$	-H
B586 (a and b)	NH	$-NO_2$	$-CF_3$	-H
B587 (a and b)	NH	$-NO_2$	$-OCH_3$	-H
B588 (a and b)	NH	$-NO_2$	$-OCH_2CH_3$	-H
B589 (a and b)	NH	$-NO_2$	$-OCF_3$	-H
B590 (a and b)	NH	$-NO_2$	*-tert*-butyl	-H
B591 (a and b)	NH	$-NO_2$	*-iso*-propyl	-H
B592 (a and b)	NH	$-NO_2$	$-CH_3$	$-CH_3$
B593 (a and b)	NH	$-NO_2$	-H	-H
B594 (a and b)	NH	$-NO_2$	-H	-Cl
B595 (a and b)	NH	$-NO_2$	-H	-Br
B596 (a and b)	NH	$-NO_2$	-H	-F
B597 (a and b)	NH	$-NO_2$	-H	$-CH_3$
B598 (a and b)	NH	$-NO_2$	-H	$-CF_3$
B599 (a and b)	NH	$-NO_2$	-H	$-OCH_3$
B600 (a and b)	NH	$-NO_2$	-H	$-OCH_2CH_3$
B601 (a and b)	NH	$-NO_2$	-H	$-OCF_3$
B602 (a and b)	NH	$-NO_2$	-H	*-tert*-butyl
B603 (a and b)	NH	$-NO_2$	-H	*-iso*-propyl

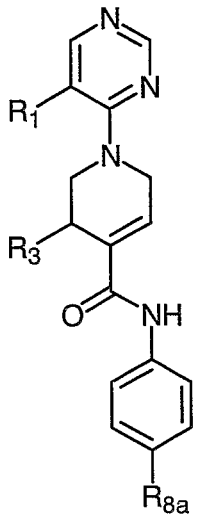
Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
B604 (a and b)	NH	-CN	-Br	-H
B605 (a and b)	NH	-CN	-Cl	-H
B606 (a and b)	NH	-CN	-F	-H
B607 (a and b)	NH	-CN	$-CH_3$	-H
B608 (a and b)	NH	-CN	$-CF_3$	-H
B609 (a and b)	NH	-CN	$-OCH_3$	-H
B610 (a and b)	NH	-CN	$-OCH_2CH_3$	-H
B611 (a and b)	NH	-CN	$-OCF_3$	-H
B612 (a and b)	NH	-CN	*-tert*-butyl	-H
B613 (a and b)	NH	-CN	*-iso*-propyl	-H
B614 (a and b)	NH	-CN	$-CH_3$	$-CH_3$
B615 (a and b)	NH	-CN	-H	-H
B616 (a and b)	NH	-CN	-H	-Cl
B617 (a and b)	NH	-CN	-H	-Br
B618 (a and b)	NH	-CN	-H	-F
B619 (a and b)	NH	-CN	-H	$-CH_3$
B620 (a and b)	NH	-CN	-H	$-CF_3$
B621 (a and b)	NH	-CN	-H	$-OCH_3$
B622 (a and b)	NH	-CN	-H	$-OCH_2CH_3$
B623 (a and b)	NH	-CN	-H	$-OCF_3$
B624 (a and b)	NH	-CN	-H	*-tert*-butyl
B625 (a and b)	NH	-CN	-H	*-iso*-propyl
B626 (a and b)	NH	-Br	-Br	-H
B627 (a and b)	NH	-Br	-Cl	-H
B628 (a and b)	NH	-Br	-F	-H
B629 (a and b)	NH	-Br	$-CH_3$	-H
B630 (a and b)	NH	-Br	$-CF_3$	-H
B631 (a and b)	NH	-Br	$-OCH_3$	-H
B632 (a and b)	NH	-Br	$-OCH_2CH_3$	-H
B633 (a and b)	NH	-Br	$-OCF_3$	-H
B634 (a and b)	NH	-Br	*-tert*-butyl	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
B635 (a and b)	NH	-Br	-*iso*-propyl	-H
B636 (a and b)	NH	-Br	$-CH_3$	$-CH_3$
B637 (a and b)	NH	-Br	-H	-H
B638 (a and b)	NH	-Br	-H	-Cl
B639 (a and b)	NH	-Br	-H	-Br
B640 (a and b)	NH	-Br	-H	-F
B641 (a and b)	NH	-Br	-H	$-CH_3$
B642 (a and b)	NH	-Br	-H	$-CF_3$
B643 (a and b)	NH	-Br	-H	$-OCH_3$
B644 (a and b)	NH	-Br	-H	$-OCH_2CH_3$
B645 (a and b)	NH	-Br	-H	$-OCF_3$
B646 (a and b)	NH	-Br	-H	-*tert*-butyl
B647 (a and b)	NH	-Br	-H	-*iso*-propyl
B648 (a and b)	NH	-I	-Cl	-H
B649 (a and b)	NH	-I	-Br	-H
B650 (a and b)	NH	-I	-F	-H
B651 (a and b)	NH	-I	$-CH_3$	-H
B652 (a and b)	NH	-I	$-CF_3$	-H
B653 (a and b)	NH	-I	$-OCH_3$	-H
B654 (a and b)	NH	-I	$-OCH_2CH_3$	-H
B655 (a and b)	NH	-I	$-OCF_3$	-H
B656 (a and b)	NH	-I	-*tert*-butyl	-H
B657 (a and b)	NH	-I	-*iso*-propyl	-H
B658 (a and b)	NH	-I	$-CH_3$	$-CH_3$
B659 (a and b)	NH	-I	-H	-H
B660 (a and b)	NH	-I	-H	-Cl
B661 (a and b)	NH	-I	-H	-Br
B662 (a and b)	NH	-I	-H	-F
B663 (a and b)	NH	-I	-H	$-CH_3$
B664 (a and b)	NH	-I	-H	$-CF_3$
B665 (a and b)	NH	-I	-H	$-OCH_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
B666 (a and b)	NH	-I	-H	$-OCH_2CH_3$
B667 (a and b)	NH	-I	-H	$-OCF_3$
B668 (a and b)	NH	-I	-H	*-tert*-butyl
B669 (a and b)	NH	-I	-H	*-iso*-propyl

(a) means that R_3 is -H.
(b) means that R_3 is $-CH_3$.

Table 3



(Ic)

and pharmaceutically acceptable salts thereof, wherein:

Compound	R_1	R_{8a}
C01 (a and b)	-H	-H
C02 (a and b)	-H	-*tert*-butyl
C03 (a and b)	-H	-*iso*-butyl
C04 (a and b)	-H	-*sec*-butyl
C05 (a and b)	-H	-*iso*-propyl
C06 (a and b)	-H	-n-propyl
C07 (a and b)	-H	-cyclohexyl
C08 (a and b)	-H	-*tert*-butoxy
C09 (a and b)	-H	-isopropoxy
C10 (a and b)	-H	$-CF_3$
C11 (a and b)	-H	$-CH_2CF_3$
C12 (a and b)	-H	$-OCF_3$
C13 (a and b)	-H	-Cl
C14 (a and b)	-H	-Br
C15 (a and b)	-H	-I

Compound	R_1	R_{8a}
C16 (a and b)	-H	-n-butyl
C17 (a and b)	-H	$-CH_3$
C18 (a and b)	-H	$-SCF_3$
C19 (a and b)	-H	$-N(CH_2CH_3)_2$
C20 (a and b)	-H	$-OCF_2CHF_2$
C21 (a and b)	-H	$-C(OH)(CF_3)_2$
C22 (a and b)	-H	-(1,1-dimethyl-pentyl)
C23 (a and b)	-H	-(1,1-dimethyl-acetic acid) ethyl ester
C24 (a and b)	-H	-*N*-piperidinyl
C25 (a and b)	-Cl	-H
C26 (a and b)	-Cl	-*tert*-butyl
C27 (a and b)	-Cl	-*iso*-butyl
C28 (a and b)	-Cl	-*sec*-butyl
C29 (a and b)	-Cl	-*iso*-propyl
C30 (a and b)	-Cl	-n-propyl
C31 (a and b)	-Cl	-cyclohexyl
C32 (a and b)	-Cl	-*tert*-butoxy
C33 (a and b)	-Cl	-isopropoxy
C34 (a and b)	-Cl	$-CF_3$
C35 (a and b)	-Cl	$-CH_2CF_3$
C36 (a and b)	-Cl	$-OCF_3$
C37 (a and b)	-Cl	-Cl
C38 (a and b)	-Cl	-Br
C39 (a and b)	-Cl	-I
C40 (a and b)	-Cl	-n-butyl
C41 (a and b)	-Cl	$-CH_3$
C42 (a and b)	-Cl	$-SCF_3$
C43 (a and b)	-Cl	$-N(CH_2CH_3)_2$
C44 (a and b)	-Cl	$-OCF_2CHF_2$
C45 (a and b)	-Cl	$-C(OH)(CF_3)_2$

Compound	R_1	R_{8a}
C46 (a and b)	-Cl	-(1,1-dimethyl-pentyl)
C47 (a and b)	-Cl	-(1,1-dimethyl-acetic acid) ethyl ester
C48 (a and b)	-Cl	-*N*-piperidinyl
C49 (a and b)	-F	-H
C50 (a and b)	-F	-*tert*-butyl
C51 (a and b)	-F	-*iso*-butyl
C52 (a and b)	-F	-*sec*-butyl
C53 (a and b)	-F	-*iso*-propyl
C54 (a and b)	-F	-n-propyl
C55 (a and b)	-F	-cyclohexyl
C56 (a and b)	-F	-*tert*-butoxy
C57 (a and b)	-F	-isopropoxy
C58 (a and b)	-F	$-CF_3$
C59 (a and b)	-F	$-CH_2CF_3$
C60 (a and b)	-F	$-OCF_3$
C61 (a and b)	-F	-Cl
C62 (a and b)	-F	-Br
C63 (a and b)	-F	-I
C64 (a and b)	-F	-n-butyl
C65 (a and b)	-F	$-CH_3$
C66 (a and b)	-F	$-SCF_3$
C67 (a and b)	-F	$-N(CH_2CH_3)_2$
C68 (a and b)	-F	$-OCF_2CHF_2$
C69 (a and b)	-F	$-C(OH)(CF_3)_2$
C70 (a and b)	-F	-(1,1-dimethyl-pentyl)
C71 (a and b)	-F	-(1,1-dimethyl-acetic acid) ethyl ester
C72 (a and b)	-F	-*N*-piperidinyl
C73 (a and b)	$-CH_3$	-H
C74 (a and b)	$-CH_3$	-*iso*-butyl
C75 (a and b)	$-CH_3$	-*tert*-butyl

Compound	R_1	R_{8a}
C76 (a and b)	$-CH_3$	-*sec*-butyl
C77 (a and b)	$-CH_3$	-*iso*-propyl
C78 (a and b)	$-CH_3$	-n-propyl
C79 (a and b)	$-CH_3$	-cyclohexyl
C80 (a and b)	$-CH_3$	-*tert*-butoxy
C81 (a and b)	$-CH_3$	-isopropoxy
C82 (a and b)	$-CH_3$	$-CF_3$
C83 (a and b)	$-CH_3$	$-CH_2CF_3$
C84 (a and b)	$-CH_3$	$-OCF_3$
C85 (a and b)	$-CH_3$	-Cl
C86 (a and b)	$-CH_3$	-Br
C87 (a and b)	$-CH_3$	-I
C88 (a and b)	$-CH_3$	-n-butyl
C89 (a and b)	$-CH_3$	$-CH_3$
C90 (a and b)	$-CH_3$	$-SCF_3$
C91 (a and b)	$-CH_3$	$-N(CH_2CH_3)_2$
C92 (a and b)	$-CH_3$	$-OCF_2CHF_2$
C93 (a and b)	$-CH_3$	$-C(OH)(CF_3)_2$
C94 (a and b)	$-CH_3$	-(1,1-dimethyl-pentyl)
C95 (a and b)	$-CH_3$	-(1,1-dimethyl-acetic acid) ethyl ester
C96 (a and b)	$-CH_3$	-*N*-piperidinyl
C97 (a and b)	$-CF_3$	-H
C98 (a and b)	$-CF_3$	-*tert*-butyl
C99 (a and b)	$-CF_3$	-*iso*-butyl
C100 (a and b)	$-CF_3$	-*sec*-butyl
C101 (a and b)	$-CF_3$	-*iso*-propyl
C102 (a and b)	$-CF_3$	-n-propyl
C103 (a and b)	$-CF_3$	-cyclohexyl
C104 (a and b)	$-CF_3$	-*tert*-butoxy
C105 (a and b)	$-CF_3$	-isopropoxy

Compound	R_1	R_{8a}
C106 (a and b)	$-CF_3$	$-CF_3$
C107 (a and b)	$-CF_3$	$-CH_2CF_3$
C108 (a and b)	$-CF_3$	$-OCF_3$
C109 (a and b)	$-CF_3$	-Cl
C110 (a and b)	$-CF_3$	-Br
C111 (a and b)	$-CF_3$	-I
C112 (a and b)	$-CF_3$	-n-butyl
C113 (a and b)	$-CF_3$	$-CH_3$
C114 (a and b)	$-CF_3$	$-SCF_3$
C115 (a and b)	$-CF_3$	$-N(CH_2CH_3)_2$
C116 (a and b)	$-CF_3$	$-OCF_2CHF_2$
C117 (a and b)	$-CF_3$	$-C(OH)(CF_3)_2$
C118 (a and b)	$-CF_3$	-(1,1-dimethyl-pentyl)
C119 (a and b)	$-CF_3$	-(1,1-dimethyl-acetic acid) ethyl ester
C120 (a and b)	$-CF_3$	-*N*-piperidinyl
C121 (a and b)	$-CHF_2$	-*tert*-butyl
C122 (a and b)	$-CHF_2$	-H
C123 (a and b)	$-CHF_2$	-*iso*-butyl
C124 (a and b)	$-CHF_2$	-*sec*-butyl
C125 (a and b)	$-CHF_2$	-*iso*-propyl
C126 (a and b)	$-CHF_2$	-n-propyl
C127 (a and b)	$-CHF_2$	-cyclohexyl
C128 (a and b)	$-CHF_2$	-*tert*-butoxy
C129 (a and b)	$-CHF_2$	-isopropoxy
C130 (a and b)	$-CHF_2$	$-CF_3$
C131 (a and b)	$-CHF_2$	$-CH_2CF_3$
C132 (a and b)	$-CHF_2$	$-OCF_3$
C133 (a and b)	$-CHF_2$	-Cl
C134 (a and b)	$-CHF_2$	-Br
C135 (a and b)	$-CHF_2$	-I

Compound	R_1	R_{8a}
C136 (a and b)	$-CHF_2$	-n-butyl
C137 (a and b)	$-CHF_2$	$-CH_3$
C138 (a and b)	$-CHF_2$	$-SCF_3$
C139 (a and b)	$-CHF_2$	$-N(CH_2CH_3)_2$
C140 (a and b)	$-CHF_2$	$-OCF_2CHF_2$
C141 (a and b)	$-CHF_2$	$-C(OH)(CF_3)_2$
C142 (a and b)	$-CHF_2$	-(1,1-dimethyl-pentyl)
C143 (a and b)	$-CHF_2$	-(1,1-dimethyl-acetic acid) ethyl ester
C144 (a and b)	$-CHF_2$	-*N*-piperidinyl
C145 (a and b)	-OH	-H
C146 (a and b)	-OH	-*tert*-butyl
C147 (a and b)	-OH	-*iso*-butyl
C148 (a and b)	-OH	-*sec*-butyl
C149 (a and b)	-OH	-*iso*-propyl
C150 (a and b)	-OH	-n-propyl
C151 (a and b)	-OH	-cyclohexyl
C152 (a and b)	-OH	-*tert*-butoxy
C153 (a and b)	-OH	-isopropoxy
C154 (a and b)	-OH	$-CF_3$
C155 (a and b)	-OH	$-CH_2CF_3$
C156 (a and b)	-OH	$-OCF_3$
C157 (a and b)	-OH	-Cl
C158 (a and b)	-OH	-Br
C159 (a and b)	-OH	-I
C160 (a and b)	-OH	-n-butyl
C161 (a and b)	-OH	$-CH_3$
C162 (a and b)	-OH	$-SCF_3$
C163 (a and b)	-OH	$-N(CH_2CH_3)_2$
C164 (a and b)	-OH	$-OCF_2CHF_2$
C165 (a and b)	-OH	$-C(OH)(CF_3)_2$

Compound	R_1	R_{8a}
C166 (a and b)	-OH	-(1,1-dimethyl-pentyl)
C167 (a and b)	-OH	-(1,1-dimethyl-acetic acid) ethyl ester
C168 (a and b)	-OH	-*N*-piperidinyl
C169 (a and b)	$-NO_2$	-H
C170 (a and b)	$-NO_2$	-*tert*-butyl
C171 (a and b)	$-NO_2$	-*iso*-butyl
C172 (a and b)	$-NO_2$	-*sec*-butyl
C173 (a and b)	$-NO_2$	-*iso*-propyl
C174 (a and b)	$-NO_2$	-n-propyl
C175 (a and b)	$-NO_2$	-cyclohexyl
C176 (a and b)	$-NO_2$	-*tert*-butoxy
C177 (a and b)	$-NO_2$	-isopropoxy
C178 (a and b)	$-NO_2$	$-CF_3$
C179 (a and b)	$-NO_2$	$-CH_2CF_3$
C180 (a and b)	$-NO_2$	$-OCF_3$
C181 (a and b)	$-NO_2$	-Cl
C182 (a and b)	$-NO_2$	-Br
C183 (a and b)	$-NO_2$	-I
C184 (a and b)	$-NO_2$	-n-butyl
C185 (a and b)	$-NO_2$	$-CH_3$
C186 (a and b)	$-NO_2$	$-SCF_3$
C187 (a and b)	$-NO_2$	$-N(CH_2CH_3)_2$
C188 (a and b)	$-NO_2$	$-OCF_2CHF_2$
C189 (a and b)	$-NO_2$	$-C(OH)(CF_3)_2$
C190 (a and b)	$-NO_2$	-(1,1-dimethyl-pentyl)
C191 (a and b)	$-NO_2$	-(1,1-dimethyl-acetic acid) ethyl ester
C192 (a and b)	$-NO_2$	-*N*-piperidinyl
C193 (a and b)	-CN	-H
C194 (a and b)	-CN	-*tert*-butyl
C195 (a and b)	-CN	-*iso*-butyl

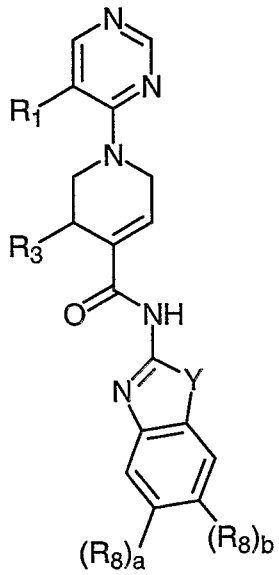
Compound	R_1	R_{8a}
C196 (a and b)	-CN	-*sec*-butyl
C197 (a and b)	-CN	-*iso*-propyl
C198 (a and b)	-CN	-n-propyl
C199 (a and b)	-CN	-cyclohexyl
C200 (a and b)	-CN	-*tert*-butoxy
C201 (a and b)	-CN	-isopropoxy
C202 (a and b)	-CN	$-CF_3$
C203 (a and b)	-CN	$-CH_2CF_3$
C204 (a and b)	-CN	$-OCF_3$
C205 (a and b)	-CN	-Cl
C206 (a and b)	-CN	-Br
C207 (a and b)	-CN	-I
C208 (a and b)	-CN	-n-butyl
C209 (a and b)	-CN	$-CH_3$
C210 (a and b)	-CN	$-SCF_3$
C211 (a and b)	-CN	$-N(CH_2CH_3)_2$
C212 (a and b)	-CN	$-OCF_2CHF_2$
C213 (a and b)	-CN	$-C(OH)(CF_3)_2$
C214 (a and b)	-CN	-(1,1-dimethyl-pentyl)
C215 (a and b)	-CN	-(1,1-dimethyl-acetic acid) ethyl ester
C216 (a and b)	-CN	-*N*-piperidinyl
C217 (a and b)	-Br	-H
C218 (a and b)	-Br	-*tert*-butyl
C219 (a and b)	-Br	-*iso*-butyl
C220 (a and b)	-Br	-*sec*-butyl
C221 (a and b)	-Br	-*iso*-propyl
C222 (a and b)	-Br	-n-propyl
C223 (a and b)	-Br	-cyclohexyl
C224 (a and b)	-Br	-*tert*-butoxy
C225 (a and b)	-Br	-isopropoxy

Compound	R_1	R_{8a}
C226 (a and b)	-Br	$-CF_3$
C227 (a and b)	-Br	$-CH_2CF_3$
C228 (a and b)	-Br	$-OCF_3$
C229 (a and b)	-Br	-Cl
C230 (a and b)	-Br	-Br
C231 (a and b)	-Br	-I
C232 (a and b)	-Br	-n-butyl
C233 (a and b)	-Br	$-CH_3$
C234 (a and b)	-Br	$-SCF_3$
C235 (a and b)	-Br	$-N(CH_2CH_3)_2$
C236 (a and b)	-Br	$-OCF_2CHF_2$
C237 (a and b)	-Br	$-C(OH)(CF_3)_2$
C238 (a and b)	-Br	-(1,1-dimethyl-pentyl)
C239 (a and b)	-Br	-(1,1-dimethyl-acetic acid) ethyl ester
C240 (a and b)	-Br	-*N*-piperidinyl
C241 (a and b)	-I	-*tert*-butyl
C242 (a and b)	-I	-H
C243 (a and b)	-I	-*iso*-butyl
C244 (a and b)	-I	-*sec*-butyl
C245 (a and b)	-I	-*iso*-propyl
C246 (a and b)	-I	-n-propyl
C247 (a and b)	-I	-cyclohexyl
C248 (a and b)	-I	-*tert*-butoxy
C249 (a and b)	-I	-isopropoxy
C250 (a and b)	-I	$-CF_3$
C251 (a and b)	-I	$-CH_2CF_3$
C252 (a and b)	-I	$-OCF_3$
C253 (a and b)	-I	-Cl
C254 (a and b)	-I	-Br
C255 (a and b)	-I	-I

Compound	R_1	R_{8a}
C256 (a and b)	-I	-n-butyl
C257 (a and b)	-I	$-CH_3$
C258 (a and b)	-I	$-SCF_3$
C259 (a and b)	-I	$-N(CH_2CH_3)_2$
C260 (a and b)	-I	$-OCF_2CHF_2$
C261 (a and b)	-I	$-C(OH)(CF_3)_2$
C262 (a and b)	-I	-(1,1-dimethyl-pentyl)
C263 (a and b)	-I	-(1,1-dimethyl-acetic acid) ethyl ester
C264 (a and b)	-I	-*N*-piperidinyl

(a) means that R_3 is -H.
(b) means that R_3 is $-CH_3$.

Table 4



(Id)

and pharmaceutically acceptable salts thereof, wherein:

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
D01 (a and b)	S	-H	-Cl	-H
D02 (a and b)	S	-H	-Br	-H
D03 (a and b)	S	-H	-F	-H
D04 (a and b)	S	-H	$-CH_3$	-H
D05 (a and b)	S	-H	$-CF_3$	-H
D06 (a and b)	S	-H	$-OCH_3$	-H
D07 (a and b)	S	-H	$-OCH_2CH_3$	-H
D08 (a and b)	S	-H	$-OCF_3$	-H
D09 (a and b)	S	-H	*-tert*-butyl	-H
D10 (a and b)	S	-H	*-iso*-propyl	-H
D11 (a and b)	S	-H	$-CH_3$	$-CH_3$
D12 (a and b)	S	-H	-H	-H
D13 (a and b)	S	-H	-H	-Cl
D14 (a and b)	S	-H	-H	-Br

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
D15 (a and b)	S	-H	-H	-F
D16 (a and b)	S	-H	-H	$-CH_3$
D17 (a and b)	S	-H	-H	$-CF_3$
D18 (a and b)	S	-H	-H	$-OCH_3$
D19 (a and b)	S	-H	-H	$-OCH_2CH_3$
D20 (a and b)	S	-H	-H	$-OCF_3$
D21 (a and b)	S	-H	-H	*-tert*-butyl
D22 (a and b)	S	-H	-H	*-iso*-propyl
D23 (a and b)	S	-Cl	-Cl	-H
D24 (a and b)	S	-Cl	-Br	-H
D25 (a and b)	S	-Cl	-F	-H
D26 (a and b)	S	-Cl	$-CH_3$	-H
D27 (a and b)	S	-Cl	$-CF_3$	-H
D28 (a and b)	S	-Cl	$-OCH_3$	-H
D29 (a and b)	S	-Cl	$-OCH_2CH_3$	-H
D30 (a and b)	S	-Cl	$-OCF_3$	-H
D31 (a and b)	S	-Cl	*-tert*-butyl	-H
D32 (a and b)	S	-Cl	*-iso*-propyl	-H
D33 (a and b)	S	-Cl	$-CH_3$	$-CH_3$
D34 (a and b)	S	-Cl	-H	-H
D35 (a and b)	S	-Cl	-H	$-CH_3$
D36 (a and b)	S	-Cl	-H	-Cl
D37 (a and b)	S	-Cl	-H	-Br
D38 (a and b)	S	-Cl	-H	-F
D39 (a and b)	S	-Cl	-H	$-CF_3$
D40 (a and b)	S	-Cl	-H	$-OCH_3$
D41 (a and b)	S	-Cl	-H	$-OCH_2CH_3$
D42 (a and b)	S	-Cl	-H	$-OCF_3$
D43 (a and b)	S	-Cl	-H	*-tert*-butyl
D44 (a and b)	S	-Cl	-H	*-iso*-propyl
D45 (a and b)	S	-Cl	-H	$-OCF_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
D46 (a and b)	S	-Cl	-H	-*tert*-butyl
D47 (a and b)	S	-Cl	-H	-*iso*-propyl
D48 (a and b)	S	$-CH_3$	-Cl	-H
D49 (a and b)	S	$-CH_3$	-Br	-H
D50 (a and b)	S	$-CH_3$	-F	-H
D51 (a and b)	S	$-CH_3$	$-CH_3$	-H
D52 (a and b)	S	$-CH_3$	$-CF_3$	-H
D53 (a and b)	S	$-CH_3$	$-OCH_3$	-H
D54 (a and b)	S	$-CH_3$	$-OCH_2CH_3$	-H
D55 (a and b)	S	$-CH_3$	$-OCF_3$	-H
D56 (a and b)	S	$-CH_3$	-*tert*-butyl	-H
D57 (a and b)	S	$-CH_3$	-*iso*-propyl	-H
D58 (a and b)	S	$-CH_3$	$-CH_3$	$-CH_3$
D59 (a and b)	S	$-CH_3$	-H	-H
D60 (a and b)	S	$-CH_3$	-H	-Cl
D61 (a and b)	S	$-CH_3$	-H	-Br
D62 (a and b)	S	$-CH_3$	-H	-F
D63 (a and b)	S	$-CH_3$	-H	$-CH_3$
D64 (a and b)	S	$-CH_3$	-H	$-CF_3$
D65 (a and b)	S	$-CH_3$	-H	$-OCH_3$
D66 (a and b)	S	$-CH_3$	-H	$-OCH_2CH_3$
D67 (a and b)	S	$-CH_3$	-H	$-OCF_3$
D68 (a and b)	S	$-CH_3$	-H	-*tert*-butyl
D69 (a and b)	S	$-CH_3$	-H	-*iso*-propyl
D70 (a and b)	S	$-CF_3$	-Cl	-H
D71 (a and b)	S	$-CF_3$	-Br	-H
D72 (a and b)	S	$-CF_3$	-F	-H
D73 (a and b)	S	$-CF_3$	$-CH_3$	-H
D74 (a and b)	S	$-CF_3$	$-CF_3$	-H
D75 (a and b)	S	$-CF_3$	$-OCH_3$	-H
D76 (a and b)	S	$-CF_3$	$-OCH_2CH_3$	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
D77 (a and b)	S	$-CF_3$	$-OCF_3$	-H
D78 (a and b)	S	$-CF_3$	-*tert*-butyl	-H
D79 (a and b)	S	$-CF_3$	-*iso*-propyl	-H
D80 (a and b)	S	$-CF_3$	$-CH_3$	$-CH_3$
D81 (a and b)	S	$-CF_3$	-H	-H
D82 (a and b)	S	$-CF_3$	-H	-Cl
D83 (a and b)	S	$-CF_3$	-H	-Br
D84 (a and b)	S	$-CF_3$	-H	-F
D85 (a and b)	S	$-CF_3$	-H	$-CH_3$
D86 (a and b)	S	$-CF_3$	-H	$-CF_3$
D87 (a and b)	S	$-CF_3$	-H	$-OCH_3$
D88 (a and b)	S	$-CF_3$	-H	$-OCH_2CH_3$
D89 (a and b)	S	$-CF_3$	-H	$-OCF_3$
D90 (a and b)	S	$-CF_3$	-H	-*tert*-butyl
D91 (a and b)	S	$-CF_3$	-H	-*iso*-propyl
D92 (a and b)	S	$-CHF_2$	-Cl	-H
D93 (a and b)	S	$-CHF_2$	-Br	-H
D94 (a and b)	S	$-CHF_2$	-F	-H
D95 (a and b)	S	$-CHF_2$	$-CH_3$	-H
D96 (a and b)	S	$-CHF_2$	$-CF_3$	-H
D97 (a and b)	S	$-CHF_2$	$-OCH_3$	-H
D98 (a and b)	S	$-CHF_2$	$-OCH_2CH_3$	-H
D99 (a and b)	S	$-CHF_2$	$-OCF_3$	-H
D100 (a and b)	S	$-CHF_2$	-*tert*-butyl	-H
D101 (a and b)	S	$-CHF_2$	-*iso*-propyl	-H
D102 (a and b)	S	$-CHF_2$	$-CH_3$	$-CH_3$
D103 (a and b)	S	$-CHF_2$	-H	-H
D104 (a and b)	S	$-CHF_2$	-H	-Cl
D105 (a and b)	S	$-CHF_2$	-H	-Br
D106 (a and b)	S	$-CHF_2$	-H	-F
D107 (a and b)	S	$-CHF_2$	-H	$-CH_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
D108 (a and b)	S	$-CHF_2$	-H	$-CF_3$
D109 (a and b)	S	$-CHF_2$	-H	$-OCH_3$
D110 (a and b)	S	$-CHF_2$	-H	$-OCH_2CH_3$
D111 (a and b)	S	$-CHF_2$	-H	$-OCF_3$
D112 (a and b)	S	$-CHF_2$	-H	*-tert*-butyl
D113 (a and b)	S	$-CHF_2$	-H	*-iso*-propyl
D114 (a and b)	S	-OH	-Cl	-H
D115 (a and b)	S	-OH	-Br	-H
D116 (a and b)	S	-OH	-F	-H
D117 (a and b)	S	-OH	$-CH_3$	-H
D118 (a and b)	S	-OH	$-CF_3$	-H
D119 (a and b)	S	-OH	$-OCH_3$	-H
D120 (a and b)	S	-OH	$-OCH_2CH_3$	-H
D121 (a and b)	S	-OH	$-OCF_3$	-H
D122 (a and b)	S	-OH	*-tert*-butyl	-H
D123 (a and b)	S	-OH	*-iso*-propyl	-H
D124 (a and b)	S	-OH	$-CH_3$	$-CH_3$
D125 (a and b)	S	-OH	-H	-H
D126 (a and b)	S	-OH	-H	-Cl
D127 (a and b)	S	-OH	-H	-Br
D128 (a and b)	S	-OH	-H	-F
D129 (a and b)	S	-OH	-H	$-CH_3$
D130 (a and b)	S	-OH	-H	$-CF_3$
D131 (a and b)	S	-OH	-H	$-OCH_3$
D132 (a and b)	S	-OH	-H	$-OCH_2CH_3$
D133 (a and b)	S	-OH	-H	$-OCF_3$
D134 (a and b)	S	-OH	-H	*-tert*-butyl
D135 (a and b)	S	-OH	-H	*-iso*-propyl
D136 (a and b)	S	$-NO_2$	-Cl	-H
D137 (a and b)	S	$-NO_2$	-Br	-H
D138 (a and b)	S	$-NO_2$	-F	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
D139 (a and b)	S	$-NO_2$	$-CH_3$	-H
D140 (a and b)	S	$-NO_2$	$-CF_3$	-H
D141 (a and b)	S	$-NO_2$	$-OCH_3$	-H
D142 (a and b)	S	$-NO_2$	$-OCH_2CH_3$	-H
D143 (a and b)	S	$-NO_2$	$-OCF_3$	-H
D144 (a and b)	S	$-NO_2$	*-tert*-butyl	-H
D145 (a and b)	S	$-NO_2$	*-iso*-propyl	-H
D146 (a and b)	S	$-NO_2$	$-CH_3$	$-CH_3$
D147 (a and b)	S	$-NO_2$	-H	-H
D148 (a and b)	S	$-NO_2$	-H	-Cl
D149 (a and b)	S	$-NO_2$	-H	-Br
D150 (a and b)	S	$-NO_2$	-H	-F
D151 (a and b)	S	$-NO_2$	-H	$-CH_3$
D152 (a and b)	S	$-NO_2$	-H	$-CF_3$
D153 (a and b)	S	$-NO_2$	-H	$-OCH_3$
D154 (a and b)	S	$-NO_2$	-H	$-OCH_2CH_3$
D155 (a and b)	S	$-NO_2$	-H	$-OCF_3$
D156 (a and b)	S	$-NO_2$	-H	*-tert*-butyl
D157 (a and b)	S	$-NO_2$	-H	*-iso*-propyl
D158 (a and b)	S	-CN	-Br	-H
D159 (a and b)	S	-CN	-Cl	-H
D160 (a and b)	S	-CN	-F	-H
D161 (a and b)	S	-CN	$-CH_3$	-H
D162 (a and b)	S	-CN	$-CF_3$	-H
D163 (a and b)	S	-CN	$-OCH_3$	-H
D164 (a and b)	S	-CN	$-OCH_2CH_3$	-H
D165 (a and b)	S	-CN	$-OCF_3$	-H
D166 (a and b)	S	-CN	*-tert*-butyl	-H
D167 (a and b)	S	-CN	*-iso*-propyl	-H
D168 (a and b)	S	-CN	$-CH_3$	$-CH_3$
D169 (a and b)	S	-CN	-H	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
D170 (a and b)	S	-CN	-H	-Cl
D171 (a and b)	S	-CN	-H	-Br
D172 (a and b)	S	-CN	-H	-F
D173 (a and b)	S	-CN	-H	$-CH_3$
D174 (a and b)	S	-CN	-H	$-CF_3$
D175 (a and b)	S	-CN	-H	$-OCH_3$
D176 (a and b)	S	-CN	-H	$-OCH_2CH_3$
D177 (a and b)	S	-CN	-H	$-OCF_3$
D178 (a and b)	S	-CN	-H	-*tert*-butyl
D179 (a and b)	S	-CN	-H	-*iso*-propyl
D180 (a and b)	S	-Br	-Br	-H
D181 (a and b)	S	-Br	-Cl	-H
D182 (a and b)	S	-Br	-F	-H
D183 (a and b)	S	-Br	$-CH_3$	-H
D184 (a and b)	S	-Br	$-CF_3$	-H
D185 (a and b)	S	-Br	$-OCH_3$	-H
D186 (a and b)	S	-Br	$-OCH_2CH_3$	-H
D187 (a and b)	S	-Br	$-OCF_3$	-H
D188 (a and b)	S	-Br	-*tert*-butyl	-H
D189 (a and b)	S	-Br	-*iso*-propyl	-H
D190 (a and b)	S	-Br	$-CH_3$	$-CH_3$
D191 (a and b)	S	-Br	-H	-H
D192 (a and b)	S	-Br	-H	-Cl
D193 (a and b)	S	-Br	-H	-Br
D194 (a and b)	S	-Br	-H	-F
D195 (a and b)	S	-Br	-H	$-CH_3$
D196 (a and b)	S	-Br	-H	$-CF_3$
D197 (a and b)	S	-Br	-H	$-OCH_3$
D198 (a and b)	S	-Br	-H	$-OCH_2CH_3$
D199 (a and b)	S	-Br	-H	$-OCF_3$
D200 (a and b)	S	-Br	-H	-*tert*-butyl

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
D201 (a and b)	S	-Br	-H	-*iso*-propyl
D202 (a and b)	S	-I	-Cl	-H
D203 (a and b)	S	-I	-Br	-H
D204 (a and b)	S	-I	-F	-H
D205 (a and b)	S	-I	$-CH_3$	-H
D206 (a and b)	S	-I	$-CF_3$	-H
D207 (a and b)	S	-I	$-OCH_3$	-H
D208 (a and b)	S	-I	$-OCH_2CH_3$	-H
D209 (a and b)	S	-I	$-OCF_3$	-H
D210 (a and b)	S	-I	-*tert*-butyl	-H
D211 (a and b)	S	-I	-*iso*-propyl	-H
D212 (a and b)	S	-I	$-CH_3$	$-CH_3$
D213 (a and b)	S	-I	-H	-H
D214 (a and b)	S	-I	-H	-Cl
D215 (a and b)	S	-I	-H	-Br
D216 (a and b)	S	-I	-H	-F
D217 (a and b)	S	-I	-H	$-CH_3$
D218 (a and b)	S	-I	-H	$-CF_3$
D219 (a and b)	S	-I	-H	$-OCH_3$
D220 (a and b)	S	-I	-H	$-OCH_2CH_3$
D221 (a and b)	S	-I	-H	$-OCF_3$
D222 (a and b)	S	-I	-H	-*tert*-butyl
D223 (a and b)	S	-I	-H	-*iso*-propyl
D224 (a and b)	O	-H	-Cl	-H
D225 (a and b)	O	-H	-Br	-H
D226 (a and b)	O	-H	-F	-H
D227 (a and b)	O	-H	$-CH_3$	-H
D228 (a and b)	O	-H	$-CF_3$	-H
D229 (a and b)	O	-H	$-OCH_3$	-H
D230 (a and b)	O	-H	$-OCH_2CH_3$	-H
D231 (a and b)	O	-H	$-OCF_3$	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
D232 (a and b)	O	-H	-*tert*-butyl	-H
D233 (a and b)	O	-H	-*iso*-propyl	-H
D234 (a and b)	O	-H	$-CH_3$	$-CH_3$
D235 (a and b)	O	-H	-H	-H
D236 (a and b)	O	-H	-H	-Cl
D237 (a and b)	O	-H	-H	-Br
D238 (a and b)	O	-H	-H	-F
D239 (a and b)	O	-H	-H	$-CH_3$
D240 (a and b)	O	-H	-H	$-CF_3$
D241 (a and b)	O	-H	-H	$-OCH_3$
D242 (a and b)	O	-H	-H	$-OCH_2CH_3$
D243 (a and b)	O	-H	-H	$-OCF_3$
D244 (a and b)	O	-H	-H	-*tert*-butyl
D245 (a and b)	O	-H	-H	-*iso*-propyl
D246 (a and b)	O	-Cl	-Cl	-H
D247 (a and b)	O	-Cl	-Br	-H
D248 (a and b)	O	-Cl	-F	-H
D249 (a and b)	O	-Cl	$-CH_3$	-H
D250 (a and b)	O	-Cl	$-CF_3$	-H
D251 (a and b)	O	-Cl	$-OCH_3$	-H
D252 (a and b)	O	-Cl	$-OCH_2CH_3$	-H
D253 (a and b)	O	-Cl	$-OCF_3$	-H
D254 (a and b)	O	-Cl	-*tert*-butyl	-H
D255 (a and b)	O	-Cl	-*iso*-propyl	-H
D256 (a and b)	O	-Cl	$-CH_3$	$-CH_3$
D257 (a and b)	O	-Cl	-H	-H
D258 (a and b)	O	-Cl	-H	$-CH_3$
D259 (a and b)	O	-Cl	-H	-Cl
D260 (a and b)	O	-Cl	-H	-Br
D261 (a and b)	O	-Cl	-H	-F
D262 (a and b)	O	-Cl	-H	$-CF_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
D263 (a and b)	O	-Cl	-H	$-OCH_3$
D264 (a and b)	O	-Cl	-H	$-OCH_2CH_3$
D265 (a and b)	O	-Cl	-H	$-OCF_3$
D266 (a and b)	O	-Cl	-H	*-tert*-butyl
D267 (a and b)	O	-Cl	-H	*-iso*-propyl
D268 (a and b)	O	-Cl	-H	$-OCF_3$
D269 (a and b)	O	-Cl	-H	*-tert*-butyl
D270 (a and b)	O	-Cl	-H	*-iso*-propyl
D271 (a and b)	O	$-CH_3$	-Cl	-H
D272 (a and b)	O	$-CH_3$	-Br	-H
D273 (a and b)	O	$-CH_3$	-F	-H
D274 (a and b)	O	$-CH_3$	$-CH_3$	-H
D275 (a and b)	O	$-CH_3$	$-CF_3$	-H
D276 (a and b)	O	$-CH_3$	$-OCH_3$	-H
D277 (a and b)	O	$-CH_3$	$-OCH_2CH_3$	-H
D278 (a and b)	O	$-CH_3$	$-OCF_3$	-H
D279 (a and b)	O	$-CH_3$	*-tert*-butyl	-H
D280 (a and b)	O	$-CH_3$	*-iso*-propyl	-H
D281 (a and b)	O	$-CH_3$	$-CH_3$	$-CH_3$
D282 (a and b)	O	$-CH_3$	-H	-H
D283 (a and b)	O	$-CH_3$	-H	-Cl
D284 (a and b)	O	$-CH_3$	-H	-Br
D285 (a and b)	O	$-CH_3$	-H	-F
D286 (a and b)	O	$-CH_3$	-H	$-CH_3$
D287 (a and b)	O	$-CH_3$	-H	$-CF_3$
D288 (a and b)	O	$-CH_3$	-H	$-OCH_3$
D289 (a and b)	O	$-CH_3$	-H	$-OCH_2CH_3$
D290 (a and b)	O	$-CH_3$	-H	$-OCF_3$
D291 (a and b)	O	$-CH_3$	-H	*-tert*-butyl
D292 (a and b)	O	$-CH_3$	-H	*-iso*-propyl
D293 (a and b)	O	$-CF_3$	-Cl	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
D294 (a and b)	O	$-CF_3$	-Br	-H
D295 (a and b)	O	$-CF_3$	-F	-H
D296 (a and b)	O	$-CF_3$	$-CH_3$	-H
D297 (a and b)	O	$-CF_3$	$-CF_3$	-H
D298 (a and b)	O	$-CF_3$	$-OCH_3$	-H
D299 (a and b)	O	$-CF_3$	$-OCH_2CH_3$	-H
D300 (a and b)	O	$-CF_3$	$-OCF_3$	-H
D301 (a and b)	O	$-CF_3$	*-tert*-butyl	-H
D302 (a and b)	O	$-CF_3$	*-iso*-propyl	-H
D303 (a and b)	O	$-CF_3$	$-CH_3$	$-CH_3$
D304 (a and b)	O	$-CF_3$	-H	-H
D305 (a and b)	O	$-CF_3$	-H	-Cl
D306 (a and b)	O	$-CF_3$	-H	-Br
D307 (a and b)	O	$-CF_3$	-H	-F
D308 (a and b)	O	$-CF_3$	-H	$-CH_3$
D309 (a and b)	O	$-CF_3$	-H	$-CF_3$
D310 (a and b)	O	$-CF_3$	-H	$-OCH_3$
D311 (a and b)	O	$-CF_3$	-H	$-OCH_2CH_3$
D312 (a and b)	O	$-CF_3$	-H	$-OCF_3$
D313 (a and b)	O	$-CF_3$	-H	*-tert*-butyl
D314 (a and b)	O	$-CF_3$	-H	*-iso*-propyl
D315 (a and b)	O	$-CHF_2$	-Cl	-H
D316 (a and b)	O	$-CHF_2$	-Br	-H
D317 (a and b)	O	$-CHF_2$	-F	-H
D318 (a and b)	O	$-CHF_2$	$-CH_3$	-H
D319 (a and b)	O	$-CHF_2$	$-CF_3$	-H
D320 (a and b)	O	$-CHF_2$	$-OCH_3$	-H
D321 (a and b)	O	$-CHF_2$	$-OCH_2CH_3$	-H
D322 (a and b)	O	$-CHF_2$	$-OCF_3$	-H
D323 (a and b)	O	$-CHF_2$	*-tert*-butyl	-H
D324 (a and b)	O	$-CHF_2$	*-iso*-propyl	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
D325 (a and b)	O	$-CHF_2$	$-CH_3$	$-CH_3$
D326 (a and b)	O	$-CHF_2$	-H	-H
D327 (a and b)	O	$-CHF_2$	-H	-Cl
D328 (a and b)	O	$-CHF_2$	-H	-Br
D329 (a and b)	O	$-CHF_2$	-H	-F
D330 (a and b)	O	$-CHF_2$	-H	$-CH_3$
D331 (a and b)	O	$-CHF_2$	-H	$-CF_3$
D332 (a and b)	O	$-CHF_2$	-H	$-OCH_3$
D333 (a and b)	O	$-CHF_2$	-H	$-OCH_2CH_3$
D334 (a and b)	O	$-CHF_2$	-H	$-OCF_3$
D335 (a and b)	O	$-CHF_2$	-H	*-tert*-butyl
D336 (a and b)	O	$-CHF_2$	-H	*-iso*-propyl
D337 (a and b)	O	-OH	-Cl	-H
D338 (a and b)	O	-OH	-Br	-H
D339 (a and b)	O	-OH	-F	-H
D340 (a and b)	O	-OH	$-CH_3$	-H
D341 (a and b)	O	-OH	$-CF_3$	-H
D342 (a and b)	O	-OH	$-OCH_3$	-H
D343 (a and b)	O	-OH	$-OCH_2CH_3$	-H
D344 (a and b)	O	-OH	$-OCF_3$	-H
D345 (a and b)	O	-OH	*-tert*-butyl	-H
D346 (a and b)	O	-OH	*-iso*-propyl	-H
D347 (a and b)	O	-OH	$-CH_3$	$-CH_3$
D348 (a and b)	O	-OH	-H	-H
D349 (a and b)	O	-OH	-H	-Cl
D350 (a and b)	O	-OH	-H	-Br
D351 (a and b)	O	-OH	-H	-F
D352 (a and b)	O	-OH	-H	$-CH_3$
D353 (a and b)	O	-OH	-H	$-CF_3$
D354 (a and b)	O	-OH	-H	$-OCH_3$
D355 (a and b)	O	-OH	-H	$-OCH_2CH_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
D356 (a and b)	O	-OH	-H	$-OCF_3$
D357 (a and b)	O	-OH	-H	*-tert*-butyl
D358 (a and b)	O	-OH	-H	*-iso*-propyl
D359 (a and b)	O	$-NO_2$	-Cl	-H
D360 (a and b)	O	$-NO_2$	-Br	-H
D361 (a and b)	O	$-NO_2$	-F	-H
D362 (a and b)	O	$-NO_2$	$-CH_3$	-H
D363 (a and b)	O	$-NO_2$	$-CF_3$	-H
D364 (a and b)	O	$-NO_2$	$-OCH_3$	-H
D365 (a and b)	O	$-NO_2$	$-OCH_2CH_3$	-H
D366 (a and b)	O	$-NO_2$	$-OCF_3$	-H
D367 (a and b)	O	$-NO_2$	*-tert*-butyl	-H
D368 (a and b)	O	$-NO_2$	*-iso*-propyl	-H
D369 (a and b)	O	$-NO_2$	$-CH_3$	$-CH_3$
D370 (a and b)	O	$-NO_2$	-H	-H
D371 (a and b)	O	$-NO_2$	-H	-Cl
D372 (a and b)	O	$-NO_2$	-H	-Br
D373 (a and b)	O	$-NO_2$	-H	-F
D374 (a and b)	O	$-NO_2$	-H	$-CH_3$
D375 (a and b)	O	$-NO_2$	-H	$-CF_3$
D376 (a and b)	O	$-NO_2$	-H	$-OCH_3$
D377 (a and b)	O	$-NO_2$	-H	$-OCH_2CH_3$
D378 (a and b)	O	$-NO_2$	-H	$-OCF_3$
D379 (a and b)	O	$-NO_2$	-H	*-tert*-butyl
D380 (a and b)	O	$-NO_2$	-H	*-iso*-propyl
D381 (a and b)	O	-CN	-Br	-H
D382 (a and b)	O	-CN	-Cl	-H
D383 (a and b)	O	-CN	-F	-H
D384 (a and b)	O	-CN	$-CH_3$	-H
D385 (a and b)	O	-CN	$-CF_3$	-H
D386 (a and b)	O	-CN	$-OCH_3$	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
D387 (a and b)	O	-CN	$-OCH_2CH_3$	-H
D388 (a and b)	O	-CN	$-OCF_3$	-H
D389 (a and b)	O	-CN	*-tert*-butyl	-H
D390 (a and b)	O	-CN	*-iso*-propyl	-H
D391 (a and b)	O	-CN	$-CH_3$	$-CH_3$
D392 (a and b)	O	-CN	-H	-H
D393 (a and b)	O	-CN	-H	-Cl
D394 (a and b)	O	-CN	-H	-Br
D395 (a and b)	O	-CN	-H	-F
D396 (a and b)	O	-CN	-H	$-CH_3$
D397 (a and b)	O	-CN	-H	$-CF_3$
D398 (a and b)	O	-CN	-H	$-OCH_3$
D399 (a and b)	O	-CN	-H	$-OCH_2CH_3$
D400 (a and b)	O	-CN	-H	$-OCF_3$
D401 (a and b)	O	-CN	-H	*-tert*-butyl
D402 (a and b)	O	-CN	-H	*-iso*-propyl
D403 (a and b)	O	-Br	-Br	-H
D404 (a and b)	O	-Br	-Cl	-H
D405 (a and b)	O	-Br	-F	-H
D406 (a and b)	O	-Br	$-CH_3$	-H
D407 (a and b)	O	-Br	$-CF_3$	-H
D408 (a and b)	O	-Br	$-OCH_3$	-H
D409 (a and b)	O	-Br	$-OCH_2CH_3$	-H
D410 (a and b)	O	-Br	$-OCF_3$	-H
D411 (a and b)	O	-Br	*-tert*-butyl	-H
D412 (a and b)	O	-Br	*-iso*-propyl	-H
D413 (a and b)	O	-Br	$-CH_3$	$-CH_3$
D414 (a and b)	O	-Br	-H	-H
D415 (a and b)	O	-Br	-H	-Cl
D416 (a and b)	O	-Br	-H	-Br
D417 (a and b)	O	-Br	-H	-F

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
D418 (a and b)	O	-Br	-H	$-CH_3$
D419 (a and b)	O	-Br	-H	$-CF_3$
D420 (a and b)	O	-Br	-H	$-OCH_3$
D421 (a and b)	O	-Br	-H	$-OCH_2CH_3$
D422 (a and b)	O	-Br	-H	$-OCF_3$
D423 (a and b)	O	-Br	-H	*-tert*-butyl
D424 (a and b)	O	-Br	-H	*-iso*-propyl
D425 (a and b)	O	-I	-Cl	-H
D426 (a and b)	O	-I	-Br	-H
D427 (a and b)	O	-I	-F	-H
D428 (a and b)	O	-I	$-CH_3$	-H
D429 (a and b)	O	-I	$-CF_3$	-H
D430 (a and b)	O	-I	$-OCH_3$	-H
D431 (a and b)	O	-I	$-OCH_2CH_3$	-H
D432 (a and b)	O	-I	$-OCF_3$	-H
D433 (a and b)	O	-I	*-tert*-butyl	-H
D434 (a and b)	O	-I	*-iso*-propyl	-H
D435 (a and b)	O	-I	$-CH_3$	$-CH_3$
D436 (a and b)	O	-I	-H	-H
D437 (a and b)	O	-I	-H	-Cl
D438 (a and b)	O	-I	-H	-Br
D439 (a and b)	O	-I	-H	-F
D440 (a and b)	O	-I	-H	$-CH_3$
D441 (a and b)	O	-I	-H	$-CF_3$
D442 (a and b)	O	-I	-H	$-OCH_3$
D443 (a and b)	O	-I	-H	$-OCH_2CH_3$
D444 (a and b)	O	-I	-H	$-OCF_3$
D445 (a and b)	O	-I	-H	*-tert*-butyl
D446 (a and b)	O	-I	-H	*-iso*-propyl
D447 (a and b)	NH	-H	-Cl	-H
D448 (a and b)	NH	-H	-Br	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
D449 (a and b)	NH	-H	-F	-H
D450 (a and b)	NH	-H	$-CH_3$	-H
D451 (a and b)	NH	-H	$-CF_3$	-H
D452 (a and b)	NH	-H	$-OCH_3$	-H
D453 (a and b)	NH	-H	$-OCH_2CH_3$	-H
D454 (a and b)	NH	-H	$-OCF_3$	-H
D455 (a and b)	NH	-H	-*tert*-butyl	-H
D456 (a and b)	NH	-H	-*iso*-propyl	-H
D457 (a and b)	NH	-H	$-CH_3$	$-CH_3$
D458 (a and b)	NH	-H	-H	-H
D459 (a and b)	NH	-H	-H	-Cl
D460 (a and b)	NH	-H	-H	-Br
D461 (a and b)	NH	-H	-H	-F
D462 (a and b)	NH	-H	-H	$-CH_3$
D463 (a and b)	NH	-H	-H	$-CF_3$
D464 (a and b)	NH	-H	-H	$-OCH_3$
D465 (a and b)	NH	-H	-H	$-OCH_2CH_3$
D466 (a and b)	NH	-H	-H	$-OCF_3$
D467 (a and b)	NH	-H	-H	-*tert*-butyl
D468 (a and b)	NH	-H	-H	-*iso*-propyl
D469 (a and b)	NH	-Cl	-Cl	-H
D470 (a and b)	NH	-Cl	-Br	-H
D471 (a and b)	NH	-Cl	-F	-H
D472 (a and b)	NH	-Cl	$-CH_3$	-H
D473 (a and b)	NH	-Cl	$-CF_3$	-H
D474 (a and b)	NH	-Cl	$-OCH_3$	-H
D475 (a and b)	NH	-Cl	$-OCH_2CH_3$	-H
D476 (a and b)	NH	-Cl	$-OCF_3$	-H
D477 (a and b)	NH	-Cl	-*tert*-butyl	-H
D478 (a and b)	NH	-Cl	-*iso*-propyl	-H
D479 (a and b)	NH	-Cl	$-CH_3$	$-CH_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
D480 (a and b)	NH	-Cl	-H	-H
D481 (a and b)	NH	-Cl	-H	-Cl
D482 (a and b)	NH	-Cl	-H	-Br
D483 (a and b)	NH	-Cl	-H	-F
D484 (a and b)	NH	-Cl	-H	$-CH_3$
D485 (a and b)	NH	-Cl	-H	$-CF_3$
D486 (a and b)	NH	-Cl	-H	$-OCH_3$
D487 (a and b)	NH	-Cl	-H	$-OCH_2CH_3$
D488 (a and b)	NH	-Cl	-H	$-OCF_3$
D489 (a and b)	NH	-Cl	-H	*-tert*-butyl
D490 (a and b)	NH	-Cl	-H	*-iso*-propyl
D491 (a and b)	NH	-Cl	-H	$-OCF_3$
D492 (a and b)	NH	-Cl	-H	*-tert*-butyl
D493 (a and b)	NH	-Cl	-H	*-iso*-propyl
D494 (a and b)	NH	$-CH_3$	-Cl	-H
D495 (a and b)	NH	$-CH_3$	-Br	-H
D496 (a and b)	NH	$-CH_3$	-F	-H
D497 (a and b)	NH	$-CH_3$	$-CH_3$	-H
D498 (a and b)	NH	$-CH_3$	$-CF_3$	-H
D499 (a and b)	NH	$-CH_3$	$-OCH_3$	-H
D500 (a and b)	NH	$-CH_3$	$-OCH_2CH_3$	-H
D501 (a and b)	NH	$-CH_3$	$-OCF_3$	-H
D502 (a and b)	NH	$-CH_3$	*-tert*-butyl	-H
D503 (a and b)	NH	$-CH_3$	*-iso*-propyl	-H
D504 (a and b)	NH	$-CH_3$	$-CH_3$	$-CH_3$
D505 (a and b)	NH	$-CH_3$	-H	-H
D506 (a and b)	NH	$-CH_3$	-H	-Cl
D507 (a and b)	NH	$-CH_3$	-H	-Br
D508 (a and b)	NH	$-CH_3$	-H	-F
D509 (a and b)	NH	$-CH_3$	-H	$-CH_3$
D510 (a and b)	NH	$-CH_3$	-H	$-CF_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
D511 (a and b)	NH	$-CH_3$	-H	$-OCH_3$
D512 (a and b)	NH	$-CH_3$	-H	$-OCH_2CH_3$
D513 (a and b)	NH	$-CH_3$	-H	$-OCF_3$
D514 (a and b)	NH	$-CH_3$	-H	*-tert*-butyl
D515 (a and b)	NH	$-CH_3$	-H	*-iso*-propyl
D516 (a and b)	NH	$-CF_3$	-Cl	-H
D517 (a and b)	NH	$-CF_3$	-Br	-H
D518 (a and b)	NH	$-CF_3$	-F	-H
D519 (a and b)	NH	$-CF_3$	$-CH_3$	-H
D520 (a and b)	NH	$-CF_3$	$-CF_3$	-H
D521 (a and b)	NH	$-CF_3$	$-OCH_3$	-H
D522 (a and b)	NH	$-CF_3$	$-OCH_2CH_3$	-H
D523 (a and b)	NH	$-CF_3$	$-OCF_3$	-H
D524 (a and b)	NH	$-CF_3$	*-tert*-butyl	-H
D525 (a and b)	NH	$-CF_3$	*-iso*-propyl	-H
D526 (a and b)	NH	$-CF_3$	$-CH_3$	$-CH_3$
D527 (a and b)	NH	$-CF_3$	-H	-H
D528 (a and b)	NH	$-CF_3$	-H	-Cl
D529 (a and b)	NH	$-CF_3$	-H	-Br
D530 (a and b)	NH	$-CF_3$	-H	-F
D531 (a and b)	NH	$-CF_3$	-H	$-CH_3$
D532 (a and b)	NH	$-CF_3$	-H	$-CF_3$
D533 (a and b)	NH	$-CF_3$	-H	$-OCH_3$
D534 (a and b)	NH	$-CF_3$	-H	$-OCH_2CH_3$
D535 (a and b)	NH	$-CF_3$	-H	$-OCF_3$
D536 (a and b)	NH	$-CF_3$	-H	*-tert*-butyl
D537 (a and b)	NH	$-CF_3$	-H	*-iso*-propyl
D538 (a and b)	NH	$-CHF_2$	-Cl	-H
D539 (a and b)	NH	$-CHF_2$	-Br	-H
D540 (a and b)	NH	$-CHF_2$	-F	-H
D541 (a and b)	NH	$-CHF_2$	$-CH_3$	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
D542 (a and b)	NH	$-CHF_2$	$-CF_3$	-H
D543 (a and b)	NH	$-CHF_2$	$-OCH_3$	-H
D544 (a and b)	NH	$-CHF_2$	$-OCH_2CH_3$	-H
D545 (a and b)	NH	$-CHF_2$	$-OCF_3$	-H
D546 (a and b)	NH	$-CHF_2$	-*tert*-butyl	-H
D547 (a and b)	NH	$-CHF_2$	-*iso*-propyl	-H
D548 (a and b)	NH	$-CHF_2$	$-CH_3$	$-CH_3$
D549 (a and b)	NH	$-CHF_2$	-H	-H
D550 (a and b)	NH	$-CHF_2$	-H	-Cl
D551 (a and b)	NH	$-CHF_2$	-H	-Br
D552 (a and b)	NH	$-CHF_2$	-H	-F
D553 (a and b)	NH	$-CHF_2$	-H	$-CH_3$
D554 (a and b)	NH	$-CHF_2$	-H	$-CF_3$
D555 (a and b)	NH	$-CHF_2$	-H	$-OCH_3$
D556 (a and b)	NH	$-CHF_2$	-H	$-OCH_2CH_3$
D557 (a and b)	NH	$-CHF_2$	-H	$-OCF_3$
D558 (a and b)	NH	$-CHF_2$	-H	-*tert*-butyl
D559 (a and b)	NH	$-CHF_2$	-H	-*iso*-propyl
D560 (a and b)	NH	-OH	-Cl	-H
D561 (a and b)	NH	-OH	-Br	-H
D562 (a and b)	NH	-OH	-F	-H
D563 (a and b)	NH	-OH	$-CH_3$	-H
D564 (a and b)	NH	-OH	$-CF_3$	-H
D565 (a and b)	NH	-OH	$-OCH_3$	-H
D566 (a and b)	NH	-OH	$-OCH_2CH_3$	-H
D567 (a and b)	NH	-OH	$-OCF_3$	-H
D568 (a and b)	NH	-OH	-*tert*-butyl	-H
D569 (a and b)	NH	-OH	-*iso*-propyl	-H
D570 (a and b)	NH	-OH	$-CH_3$	$-CH_3$
D571 (a and b)	NH	-OH	-H	-H
D572 (a and b)	NH	-OH	-H	-Cl

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
D573 (a and b)	NH	-OH	-H	-Br
D574 (a and b)	NH	-OH	-H	-F
D575 (a and b)	NH	-OH	-H	$-CH_3$
D576 (a and b)	NH	-OH	-H	$-CF_3$
D577 (a and b)	NH	-OH	-H	$-OCH_3$
D578 (a and b)	NH	-OH	-H	$-OCH_2CH_3$
D579 (a and b)	NH	-OH	-H	$-OCF_3$
D580 (a and b)	NH	-OH	-H	*-tert*-butyl
D581 (a and b)	NH	-OH	-H	*-iso*-propyl
D582 (a and b)	NH	$-NO_2$	-Cl	-H
D583 (a and b)	NH	$-NO_2$	-Br	-H
D584 (a and b)	NH	$-NO_2$	-F	-H
D585 (a and b)	NH	$-NO_2$	$-CH_3$	-H
D586 (a and b)	NH	$-NO_2$	$-CF_3$	-H
D587 (a and b)	NH	$-NO_2$	$-OCH_3$	-H
D588 (a and b)	NH	$-NO_2$	$-OCH_2CH_3$	-H
D589 (a and b)	NH	$-NO_2$	$-OCF_3$	-H
D590 (a and b)	NH	$-NO_2$	*-tert*-butyl	-H
D591 (a and b)	NH	$-NO_2$	*-iso*-propyl	-H
D592 (a and b)	NH	$-NO_2$	$-CH_3$	$-CH_3$
D593 (a and b)	NH	$-NO_2$	-H	-H
D594 (a and b)	NH	$-NO_2$	-H	-Cl
D595 (a and b)	NH	$-NO_2$	-H	-Br
D596 (a and b)	NH	$-NO_2$	-H	-F
D597 (a and b)	NH	$-NO_2$	-H	$-CH_3$
D598 (a and b)	NH	$-NO_2$	-H	$-CF_3$
D599 (a and b)	NH	$-NO_2$	-H	$-OCH_3$
D600 (a and b)	NH	$-NO_2$	-H	$-OCH_2CH_3$
D601 (a and b)	NH	$-NO_2$	-H	$-OCF_3$
D602 (a and b)	NH	$-NO_2$	-H	*-tert*-butyl
D603 (a and b)	NH	$-NO_2$	-H	*-iso*-propyl

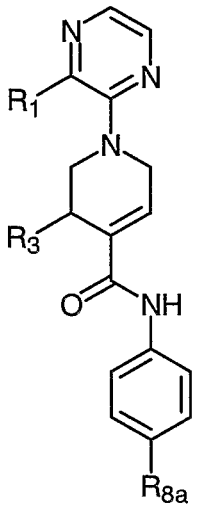
Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
D604 (a and b)	NH	-CN	-Br	-H
D605 (a and b)	NH	-CN	-Cl	-H
D606 (a and b)	NH	-CN	-F	-H
D607 (a and b)	NH	-CN	$-CH_3$	-H
D608 (a and b)	NH	-CN	$-CF_3$	-H
D609 (a and b)	NH	-CN	$-OCH_3$	-H
D610 (a and b)	NH	-CN	$-OCH_2CH_3$	-H
D611 (a and b)	NH	-CN	$-OCF_3$	-H
D612 (a and b)	NH	-CN	*-tert*-butyl	-H
D613 (a and b)	NH	-CN	*-iso*-propyl	-H
D614 (a and b)	NH	-CN	$-CH_3$	$-CH_3$
D615 (a and b)	NH	-CN	-H	-H
D616 (a and b)	NH	-CN	-H	-Cl
D617 (a and b)	NH	-CN	-H	-Br
D618 (a and b)	NH	-CN	-H	-F
D619 (a and b)	NH	-CN	-H	$-CH_3$
D620 (a and b)	NH	-CN	-H	$-CF_3$
D621 (a and b)	NH	-CN	-H	$-OCH_3$
D622 (a and b)	NH	-CN	-H	$-OCH_2CH_3$
D623 (a and b)	NH	-CN	-H	$-OCF_3$
D624 (a and b)	NH	-CN	-H	*-tert*-butyl
D625 (a and b)	NH	-CN	-H	*-iso*-propyl
D626 (a and b)	NH	-Br	-Br	-H
D627 (a and b)	NH	-Br	-Cl	-H
D628 (a and b)	NH	-Br	-F	-H
D629 (a and b)	NH	-Br	$-CH_3$	-H
D630 (a and b)	NH	-Br	$-CF_3$	-H
D631 (a and b)	NH	-Br	$-OCH_3$	-H
D632 (a and b)	NH	-Br	$-OCH_2CH_3$	-H
D633 (a and b)	NH	-Br	$-OCF_3$	-H
D634 (a and b)	NH	-Br	*-tert*-butyl	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
D635 (a and b)	NH	-Br	-*iso*-propyl	-H
D636 (a and b)	NH	-Br	$-CH_3$	$-CH_3$
D637 (a and b)	NH	-Br	-H	-H
D638 (a and b)	NH	-Br	-H	-Cl
D639 (a and b)	NH	-Br	-H	-Br
D640 (a and b)	NH	-Br	-H	-F
D641 (a and b)	NH	-Br	-H	$-CH_3$
D642 (a and b)	NH	-Br	-H	$-CF_3$
D643 (a and b)	NH	-Br	-H	$-OCH_3$
D644 (a and b)	NH	-Br	-H	$-OCH_2CH_3$
D645 (a and b)	NH	-Br	-H	$-OCF_3$
D646 (a and b)	NH	-Br	-H	-*tert*-butyl
D647 (a and b)	NH	-Br	-H	-*iso*-propyl
D648 (a and b)	NH	-I	-Cl	-H
D649 (a and b)	NH	-I	-Br	-H
D650 (a and b)	NH	-I	-F	-H
D651 (a and b)	NH	-I	$-CH_3$	-H
D652 (a and b)	NH	-I	$-CF_3$	-H
D653 (a and b)	NH	-I	$-OCH_3$	-H
D654 (a and b)	NH	-I	$-OCH_2CH_3$	-H
D655 (a and b)	NH	-I	$-OCF_3$	-H
D656 (a and b)	NH	-I	-*tert*-butyl	-H
D657 (a and b)	NH	-I	-*iso*-propyl	-H
D658 (a and b)	NH	-I	$-CH_3$	$-CH_3$
D659 (a and b)	NH	-I	-H	-H
D660 (a and b)	NH	-I	-H	-Cl
D661 (a and b)	NH	-I	-H	-Br
D662 (a and b)	NH	-I	-H	-F
D663 (a and b)	NH	-I	-H	$-CH_3$
D664 (a and b)	NH	-I	-H	$-CF_3$
D665 (a and b)	NH	-I	-H	$-OCH_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
D666 (a and b)	NH	-I	-H	$-OCH_2CH_3$
D667 (a and b)	NH	-I	-H	$-OCF_3$
D668 (a and b)	NH	-I	-H	*-tert*-butyl
D669 (a and b)	NH	-I	-H	*-iso*-propyl

(a) means that R_3 is -H.
(b) means that R_3 is $-CH_3$.

Table 5



(Ie)

and pharmaceutically acceptable salts thereof, wherein:

Compound	R_1	R_{8a}
E01 (a and b)	-H	-H
E02 (a and b)	-H	-*tert*-butyl
E03 (a and b)	-H	-*iso*-butyl
E04 (a and b)	-H	-*sec*-butyl
E05 (a and b)	-H	-*iso*-propyl
E06 (a and b)	-H	-n-propyl
E07 (a and b)	-H	-cyclohexyl
E08 (a and b)	-H	-*tert*-butoxy
E09 (a and b)	-H	-isopropoxy
E10 (a and b)	-H	$-CF_3$
E11 (a and b)	-H	$-CH_2CF_3$
E12 (a and b)	-H	$-OCF_3$
E13 (a and b)	-H	-Cl
E14 (a and b)	-H	-Br
E15 (a and b)	-H	-I
E16 (a and b)	-H	-n-butyl

Compound	R_1	R_{8a}
E17 (a and b)	-H	$-CH_3$
E18 (a and b)	-H	$-SCF_3$
E19 (a and b)	-H	$-N(CH_2CH_3)_2$
E20 (a and b)	-H	$-OCF_2CHF_2$
E21 (a and b)	-H	$-C(OH)(CF_3)_2$
E22 (a and b)	-H	-(1,1-dimethyl-pentyl)
E23 (a and b)	-H	-(1,1-dimethyl-acetic acid) ethyl ester
E24 (a and b)	-H	-*N*-piperidinyl
E25 (a and b)	-Cl	-H
E26 (a and b)	-Cl	-*tert*-butyl
E27 (a and b)	-Cl	-*iso*-butyl
E28 (a and b)	-Cl	-*sec*-butyl
E29 (a and b)	-Cl	-*iso*-propyl
E30 (a and b)	-Cl	-n-propyl
E31 (a and b)	-Cl	-cyclohexyl
E32 (a and b)	-Cl	-*tert*-butoxy
E33 (a and b)	-Cl	-isopropoxy
E34 (a and b)	-Cl	$-CF_3$
E35 (a and b)	-Cl	$-CH_2CF_3$
E36 (a and b)	-Cl	$-OCF_3$
E37 (a and b)	-Cl	-Cl
E38 (a and b)	-Cl	-Br
E39 (a and b)	-Cl	-I
E40 (a and b)	-Cl	-n-butyl
E41 (a and b)	-Cl	$-CH_3$
E42 (a and b)	-Cl	$-SCF_3$
E43 (a and b)	-Cl	$-N(CH_2CH_3)_2$
E44 (a and b)	-Cl	$-OCF_2CHF_2$
E45 (a and b)	-Cl	$-C(OH)(CF_3)_2$
E46 (a and b)	-Cl	-(1,1-dimethyl-pentyl)

Compound	R_1	R_{8a}
E47 (a and b)	-Cl	-(1,1-dimethyl-acetic acid) ethyl ester
E48 (a and b)	-Cl	-*N*-piperidinyl
E49 (a and b)	-F	-H
E50 (a and b)	-F	-*tert*-butyl
E51 (a and b)	-F	-*iso*-butyl
E52 (a and b)	-F	-*sec*-butyl
E53 (a and b)	-F	-*iso*-propyl
E54 (a and b)	-F	-n-propyl
E55 (a and b)	-F	-cyclohexyl
E56 (a and b)	-F	-*tert*-butoxy
E57 (a and b)	-F	-isopropoxy
E58 (a and b)	-F	$-CF_3$
E59 (a and b)	-F	$-CH_2CF_3$
E60 (a and b)	-F	$-OCF_3$
E61 (a and b)	-F	-Cl
E62 (a and b)	-F	-Br
E63 (a and b)	-F	-I
E64 (a and b)	-F	-n-butyl
E65 (a and b)	-F	$-CH_3$
E66 (a and b)	-F	$-SCF_3$
E67 (a and b)	-F	$-N(CH_2CH_3)_2$
E68 (a and b)	-F	$-OCF_2CHF_2$
E69 (a and b)	-F	$-C(OH)(CF_3)_2$
E70 (a and b)	-F	-(1,1-dimethyl-pentyl)
E71 (a and b)	-F	-(1,1-dimethyl-acetic acid) ethyl ester
E72 (a and b)	-F	-*N*-piperidinyl
E73 (a and b)	$-CH_3$	-H
E74 (a and b)	$-CH_3$	-*iso*-butyl
E75 (a and b)	$-CH_3$	-*tert*-butyl
E76 (a and b)	$-CH_3$	-*sec*-butyl

Compound	R_1	R_{8a}
E77 (a and b)	$-CH_3$	-*iso*-propyl
E78 (a and b)	$-CH_3$	-n-propyl
E79 (a and b)	$-CH_3$	-cyclohexyl
E80 (a and b)	$-CH_3$	-*tert*-butoxy
E81 (a and b)	$-CH_3$	-isopropoxy
E82 (a and b)	$-CH_3$	$-CF_3$
E83 (a and b)	$-CH_3$	$-CH_2CF_3$
E84 (a and b)	$-CH_3$	$-OCF_3$
E85 (a and b)	$-CH_3$	-Cl
E86 (a and b)	$-CH_3$	-Br
E87 (a and b)	$-CH_3$	-I
E88 (a and b)	$-CH_3$	-n-butyl
E89 (a and b)	$-CH_3$	$-CH_3$
E90 (a and b)	$-CH_3$	$-SCF_3$
E91 (a and b)	$-CH_3$	$-N(CH_2CH_3)_2$
E92 (a and b)	$-CH_3$	$-OCF_2CHF_2$
E93 (a and b)	$-CH_3$	$-C(OH)(CF_3)_2$
E94 (a and b)	$-CH_3$	-(1,1-dimethyl-pentyl)
E95 (a and b)	$-CH_3$	-(1,1-dimethyl-acetic acid) ethyl ester
E96 (a and b)	$-CH_3$	-*N*-piperidinyl
E97 (a and b)	$-CF_3$	-H
E98 (a and b)	$-CF_3$	-*tert*-butyl
E99 (a and b)	$-CF_3$	-*iso*-butyl
E100 (a and b)	$-CF_3$	-*sec*-butyl
E101 (a and b)	$-CF_3$	-*iso*-propyl
E102 (a and b)	$-CF_3$	-n-propyl
E103 (a and b)	$-CF_3$	-cyclohexyl
E104 (a and b)	$-CF_3$	-*tert*-butoxy
E105 (a and b)	$-CF_3$	-isopropoxy
E106 (a and b)	$-CF_3$	$-CF_3$

Compound	R_1	R_{8a}
E107 (a and b)	$-CF_3$	$-CH_2CF_3$
E108 (a and b)	$-CF_3$	$-OCF_3$
E109 (a and b)	$-CF_3$	-Cl
E110 (a and b)	$-CF_3$	-Br
E111 (a and b)	$-CF_3$	-I
E112 (a and b)	$-CF_3$	-n-butyl
E113 (a and b)	$-CF_3$	$-CH_3$
E114 (a and b)	$-CF_3$	$-SCF_3$
E115 (a and b)	$-CF_3$	$-N(CH_2CH_3)_2$
E116 (a and b)	$-CF_3$	$-OCF_2CHF_2$
E117 (a and b)	$-CF_3$	$-C(OH)(CF_3)_2$
E118 (a and b)	$-CF_3$	-(1,1-dimethyl-pentyl)
E119 (a and b)	$-CF_3$	-(1,1-dimethyl-acetic acid) ethyl ester
E120 (a and b)	$-CF_3$	-*N*-piperidinyl
E121 (a and b)	$-CHF_2$	-*tert*-butyl
E122 (a and b)	$-CHF_2$	-H
E123 (a and b)	$-CHF_2$	-*iso*-butyl
E124 (a and b)	$-CHF_2$	-*sec*-butyl
E125 (a and b)	$-CHF_2$	-*iso*-propyl
E126 (a and b)	$-CHF_2$	-n-propyl
E127 (a and b)	$-CHF_2$	-cyclohexyl
E128 (a and b)	$-CHF_2$	-*tert*-butoxy
E129 (a and b)	$-CHF_2$	-isopropoxy
E130 (a and b)	$-CHF_2$	$-CF_3$
E131 (a and b)	$-CHF_2$	$-CH_2CF_3$
E132 (a and b)	$-CHF_2$	$-OCF_3$
E133 (a and b)	$-CHF_2$	-Cl
E134 (a and b)	$-CHF_2$	-Br
E135 (a and b)	$-CHF_2$	-I
E136 (a and b)	$-CHF_2$	-n-butyl

Compound	R_1	R_{8a}
E137 (a and b)	$-CHF_2$	$-CH_3$
E138 (a and b)	$-CHF_2$	$-SCF_3$
E139 (a and b)	$-CHF_2$	$-N(CH_2CH_3)_2$
E140 (a and b)	$-CHF_2$	$-OCF_2CHF_2$
E141 (a and b)	$-CHF_2$	$-C(OH)(CF_3)_2$
E142 (a and b)	$-CHF_2$	-(1,1-dimethyl-pentyl)
E143 (a and b)	$-CHF_2$	-(1,1-dimethyl-acetic acid) ethyl ester
E144 (a and b)	$-CHF_2$	-*N*-piperidinyl
E145 (a and b)	-OH	-H
E146 (a and b)	-OH	-*tert*-butyl
E147 (a and b)	-OH	-*iso*-butyl
E148 (a and b)	-OH	-*sec*-butyl
E149 (a and b)	-OH	-*iso*-propyl
E150 (a and b)	-OH	-n-propyl
E151 (a and b)	-OH	-cyclohexyl
E152 (a and b)	-OH	-*tert*-butoxy
E153 (a and b)	-OH	-isopropoxy
E154 (a and b)	-OH	$-CF_3$
E155 (a and b)	-OH	$-CH_2CF_3$
E156 (a and b)	-OH	$-OCF_3$
E157 (a and b)	-OH	-Cl
E158 (a and b)	-OH	-Br
E159 (a and b)	-OH	-I
E160 (a and b)	-OH	-n-butyl
E161 (a and b)	-OH	$-CH_3$
E162 (a and b)	-OH	$-SCF_3$
E163 (a and b)	-OH	$-N(CH_2CH_3)_2$
E164 (a and b)	-OH	$-OCF_2CHF_2$
E165 (a and b)	-OH	$-C(OH)(CF_3)_2$
E166 (a and b)	-OH	-(1,1-dimethyl-pentyl)

Compound	R_1	R_{8a}
E167 (a and b)	-OH	-(1,1-dimethyl-acetic acid) ethyl ester
E168 (a and b)	-OH	-*N*-piperidinyl
E169 (a and b)	$-NO_2$	-H
E170 (a and b)	$-NO_2$	-*tert*-butyl
E171 (a and b)	$-NO_2$	-*iso*-butyl
E172 (a and b)	$-NO_2$	-*sec*-butyl
E173 (a and b)	$-NO_2$	-*iso*-propyl
E174 (a and b)	$-NO_2$	-n-propyl
E175 (a and b)	$-NO_2$	-cyclohexyl
E176 (a and b)	$-NO_2$	-*tert*-butoxy
E177 (a and b)	$-NO_2$	-isopropoxy
E178 (a and b)	$-NO_2$	$-CF_3$
E179 (a and b)	$-NO_2$	$-CH_2CF_3$
E180 (a and b)	$-NO_2$	$-OCF_3$
E181 (a and b)	$-NO_2$	-Cl
E182 (a and b)	$-NO_2$	-Br
E183 (a and b)	$-NO_2$	-I
E184 (a and b)	$-NO_2$	-n-butyl
E185 (a and b)	$-NO_2$	$-CH_3$
E186 (a and b)	$-NO_2$	$-SCF_3$
E187 (a and b)	$-NO_2$	$-N(CH_2CH_3)_2$
E188 (a and b)	$-NO_2$	$-OCF_2CHF_2$
E189 (a and b)	$-NO_2$	$-C(OH)(CF_3)_2$
E190 (a and b)	$-NO_2$	-(1,1-dimethyl-pentyl)
E191 (a and b)	$-NO_2$	-(1,1-dimethyl-acetic acid) ethyl ester
E192 (a and b)	$-NO_2$	-*N*-piperidinyl
E193 (a and b)	-CN	-H
E194 (a and b)	-CN	-*tert*-butyl
E195 (a and b)	-CN	-*iso*-butyl
E196 (a and b)	-CN	-*sec*-butyl

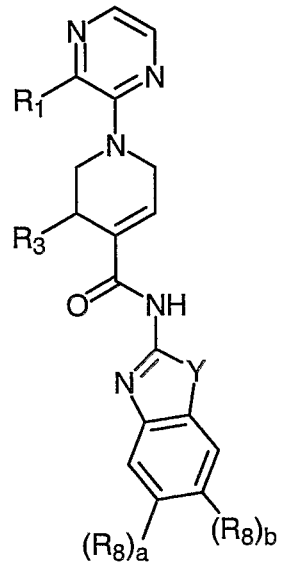
Compound	R_1	R_{8a}
E197 (a and b)	-CN	-*iso*-propyl
E198 (a and b)	-CN	-n-propyl
E199 (a and b)	-CN	-cyclohexyl
E200 (a and b)	-CN	-*tert*-butoxy
E201 (a and b)	-CN	-isopropoxy
E202 (a and b)	-CN	$-CF_3$
E203 (a and b)	-CN	$-CH_2CF_3$
E204 (a and b)	-CN	$-OCF_3$
E205 (a and b)	-CN	-Cl
E206 (a and b)	-CN	-Br
E207 (a and b)	-CN	-I
E208 (a and b)	-CN	-n-butyl
E209 (a and b)	-CN	$-CH_3$
E210 (a and b)	-CN	$-SCF_3$
E211 (a and b)	-CN	$-N(CH_2CH_3)_2$
E212 (a and b)	-CN	$-OCF_2CHF_2$
E213 (a and b)	-CN	$-C(OH)(CF_3)_2$
E214 (a and b)	-CN	-(1,1-dimethyl-pentyl)
E215 (a and b)	-CN	-(1,1-dimethyl-acetic acid) ethyl ester
E216 (a and b)	-CN	-*N*-piperidinyl
E217 (a and b)	-Br	-H
E218 (a and b)	-Br	-*tert*-butyl
E219 (a and b)	-Br	-*iso*-butyl
E220 (a and b)	-Br	-*sec*-butyl
E221 (a and b)	-Br	-*iso*-propyl
E222 (a and b)	-Br	-n-propyl
E223 (a and b)	-Br	-cyclohexyl
E224 (a and b)	-Br	-*tert*-butoxy
E225 (a and b)	-Br	-isopropoxy
E226 (a and b)	-Br	$-CF_3$

Compound	R_1	R_{8a}
E227 (a and b)	-Br	$-CH_2CF_3$
E228 (a and b)	-Br	$-OCF_3$
E229 (a and b)	-Br	-Cl
E230 (a and b)	-Br	-Br
E231 (a and b)	-Br	-I
E232 (a and b)	-Br	-n-butyl
E233 (a and b)	-Br	$-CH_3$
E234 (a and b)	-Br	$-SCF_3$
E235 (a and b)	-Br	$-N(CH_2CH_3)_2$
E236 (a and b)	-Br	$-OCF_2CHF_2$
E237 (a and b)	-Br	$-C(OH)(CF_3)_2$
E238 (a and b)	-Br	-(1,1-dimethyl-pentyl)
E239 (a and b)	-Br	-(1,1-dimethyl-acetic acid) ethyl ester
E240 (a and b)	-Br	-*N*-piperidinyl
E241 (a and b)	-I	-*tert*-butyl
E242 (a and b)	-I	-H
E243 (a and b)	-I	-*iso*-butyl
E244 (a and b)	-I	-*sec*-butyl
E245 (a and b)	-I	-*iso*-propyl
E246 (a and b)	-I	-n-propyl
E247 (a and b)	-I	-cyclohexyl
E248 (a and b)	-I	-*tert*-butoxy
E249 (a and b)	-I	-isopropoxy
E250 (a and b)	-I	$-CF_3$
E251 (a and b)	-I	$-CH_2CF_3$
E252 (a and b)	-I	$-OCF_3$
E253 (a and b)	-I	-Cl
E254 (a and b)	-I	-Br
E255 (a and b)	-I	-I
E256 (a and b)	-I	-n-butyl

Compound	R_1	R_{8a}
E257 (a and b)	-I	$-CH_3$
E258 (a and b)	-I	$-SCF_3$
E259 (a and b)	-I	$-N(CH_2CH_3)_2$
E260 (a and b)	-I	$-OCF_2CHF_2$
E261 (a and b)	-I	$-C(OH)(CF_3)_2$
E262 (a and b)	-I	-(1,1-dimethyl-pentyl)
E263 (a and b)	-I	-(1,1-dimethyl-acetic acid) ethyl ester
E264 (a and b)	-I	-*N*-piperidinyl

(a) means that R_3 is -H.
(b) means that R_3 is $-CH_3$.

Table 6



(If)

and pharmaceutically acceptable salts thereof, wherein:

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
F01 (a and b)	S	-H	-Cl	-H
F02 (a and b)	S	-H	-Br	-H
F03 (a and b)	S	-H	-F	-H
F04 (a and b)	S	-H	$-CH_3$	-H
F05 (a and b)	S	-H	$-CF_3$	-H
F06 (a and b)	S	-H	$-OCH_3$	-H
F07 (a and b)	S	-H	$-OCH_2CH_3$	-H
F08 (a and b)	S	-H	$-OCF_3$	-H
F09 (a and b)	S	-H	-*tert*-butyl	-H
F10 (a and b)	S	-H	-*iso*-propyl	-H
F11 (a and b)	S	-H	$-CH_3$	$-CH_3$
F12 (a and b)	S	-H	-H	-H
F13 (a and b)	S	-H	-H	-Cl
F14 (a and b)	S	-H	-H	-Br
F15 (a and b)	S	-H	-H	-F
F16 (a and b)	S	-H	-H	$-CH_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
F17 (a and b)	S	-H	-H	$-CF_3$
F18 (a and b)	S	-H	-H	$-OCH_3$
F19 (a and b)	S	-H	-H	$-OCH_2CH_3$
F20 (a and b)	S	-H	-H	$-OCF_3$
F21 (a and b)	S	-H	-H	-*tert*-butyl
F22 (a and b)	S	-H	-H	-*iso*-propyl
F23 (a and b)	S	-Cl	-Cl	-H
F24 (a and b)	S	-Cl	-Br	-H
F25 (a and b)	S	-Cl	-F	-H
F26 (a and b)	S	-Cl	$-CH_3$	-H
F27 (a and b)	S	-Cl	$-CF_3$	-H
F28 (a and b)	S	-Cl	$-OCH_3$	-H
F29 (a and b)	S	-Cl	$-OCH_2CH_3$	-H
F30 (a and b)	S	-Cl	$-OCF_3$	-H
F31 (a and b)	S	-Cl	-*tert*-butyl	-H
F32 (a and b)	S	-Cl	-*iso*-propyl	-H
F33 (a and b)	S	-Cl	$-CH_3$	$-CH_3$
F34 (a and b)	S	-Cl	-H	-H
F35 (a and b)	S	-Cl	-H	-Cl
F36 (a and b)	S	-Cl	-H	-Br
F37 (a and b)	S	-Cl	-H	-F
F38 (a and b)	S	-Cl	-H	$-CH_3$
F39 (a and b)	S	-Cl	-H	$-CF_3$
F40 (a and b)	S	-Cl	-H	$-OCH_3$
F41 (a and b)	S	-Cl	-H	$-OCH_2CH_3$
F42 (a and b)	S	-Cl	-H	$-OCF_3$
F43 (a and b)	S	-Cl	-H	-*tert*-butyl
F44 (a and b)	S	-Cl	-H	-*iso*-propyl
F45 (a and b)	S	-Cl	-H	$-OCF_3$
F46 (a and b)	S	-Cl	-H	-*tert*-butyl

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
F47 (a and b)	S	-Cl	-H	-*iso*-propyl
F48 (a and b)	S	$-CH_3$	-Cl	-H
F49 (a and b)	S	$-CH_3$	-Br	-H
F50 (a and b)	S	$-CH_3$	-F	-H
F51 (a and b)	S	$-CH_3$	$-CH_3$	-H
F52 (a and b)	S	$-CH_3$	$-CF_3$	-H
F53 (a and b)	S	$-CH_3$	$-OCH_3$	-H
F54 (a and b)	S	$-CH_3$	$-OCH_2CH_3$	-H
F55 (a and b)	S	$-CH_3$	$-OCF_3$	-H
F56 (a and b)	S	$-CH_3$	-*tert*-butyl	-H
F57 (a and b)	S	$-CH_3$	-*iso*-propyl	-H
F58 (a and b)	S	$-CH_3$	$-CH_3$	$-CH_3$
F59 (a and b)	S	$-CH_3$	-H	-H
F60 (a and b)	S	$-CH_3$	-H	-Cl
F61 (a and b)	S	$-CH_3$	-H	-Br
F62 (a and b)	S	$-CH_3$	-H	-F
F63 (a and b)	S	$-CH_3$	-H	$-CH_3$
F64 (a and b)	S	$-CH_3$	-H	$-CF_3$
F65 (a and b)	S	$-CH_3$	-H	$-OCH_3$
F66 (a and b)	S	$-CH_3$	-H	$-OCH_2CH_3$
F67 (a and b)	S	$-CH_3$	-H	$-OCF_3$
F68 (a and b)	S	$-CH_3$	-H	-*tert*-butyl
F69 (a and b)	S	$-CH_3$	-H	-*iso*-propyl
F70 (a and b)	S	$-CF_3$	-Cl	-H
F71 (a and b)	S	$-CF_3$	-Br	-H
F72 (a and b)	S	$-CF_3$	-F	-H
F73 (a and b)	S	$-CF_3$	$-CH_3$	-H
F74 (a and b)	S	$-CF_3$	$-CF_3$	-H
F75 (a and b)	S	$-CF_3$	$-OCH_3$	-H
F76 (a and b)	S	$-CF_3$	$-OCH_2CH_3$	-H
F77 (a and b)	S	$-CF_3$	$-OCF_3$	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
F78 (a and b)	S	$-CF_3$	*-tert*-butyl	-H
F79 (a and b)	S	$-CF_3$	*-iso*-propyl	-H
F80 (a and b)	S	$-CF_3$	$-CH_3$	$-CH_3$
F81 (a and b)	S	$-CF_3$	-H	-H
F82 (a and b)	S	$-CF_3$	-H	-Cl
F83 (a and b)	S	$-CF_3$	-H	-Br
F84 (a and b)	S	$-CF_3$	-H	-F
F85 (a and b)	S	$-CF_3$	-H	$-CH_3$
F86 (a and b)	S	$-CF_3$	-H	$-CF_3$
F87 (a and b)	S	$-CF_3$	-H	$-OCH_3$
F88 (a and b)	S	$-CF_3$	-H	$-OCH_2CH_3$
F89 (a and b)	S	$-CF_3$	-H	$-OCF_3$
F90 (a and b)	S	$-CF_3$	-H	*-tert*-butyl
F91 (a and b)	S	$-CF_3$	-H	*-iso*-propyl
F92 (a and b)	S	$-CHF_2$	-Cl	-H
F93 (a and b)	S	$-CHF_2$	-Br	-H
F94 (a and b)	S	$-CHF_2$	-F	-H
F95 (a and b)	S	$-CHF_2$	$-CH_3$	-H
F96 (a and b)	S	$-CHF_2$	$-CF_3$	-H
F97 (a and b)	S	$-CHF_2$	$-OCH_3$	-H
F98 (a and b)	S	$-CHF_2$	$-OCH_2CH_3$	-H
F99 (a and b)	S	$-CHF_2$	$-OCF_3$	-H
F100 (a and b)	S	$-CHF_2$	*-tert*-butyl	-H
F101 (a and b)	S	$-CHF_2$	*-iso*-propyl	-H
F102 (a and b)	S	$-CHF_2$	$-CH_3$	$-CH_3$
F103 (a and b)	S	$-CHF_2$	-H	-H
F104 (a and b)	S	$-CHF_2$	-H	-Cl
F105 (a and b)	S	$-CHF_2$	-H	-Br
F106 (a and b)	S	$-CHF_2$	-H	-F
F107 (a and b)	S	$-CHF_2$	-H	$-CH_3$
F108 (a and b)	S	$-CHF_2$	-H	$-CF_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
F109 (a and b)	S	$-CHF_2$	-H	$-OCH_3$
F110 (a and b)	S	$-CHF_2$	-H	$-OCH_2CH_3$
F111 (a and b)	S	$-CHF_2$	-H	$-OCF_3$
F112 (a and b)	S	$-CHF_2$	-H	*-tert*-butyl
F113 (a and b)	S	$-CHF_2$	-H	*-iso*-propyl
F114 (a and b)	S	-OH	-Cl	-H
F115 (a and b)	S	-OH	-Br	-H
F116 (a and b)	S	-OH	-F	-H
F117 (a and b)	S	-OH	$-CH_3$	-H
F118 (a and b)	S	-OH	$-CF_3$	-H
F119 (a and b)	S	-OH	$-OCH_3$	-H
F120 (a and b)	S	-OH	$-OCH_2CH_3$	-H
F121 (a and b)	S	-OH	$-OCF_3$	-H
F122 (a and b)	S	-OH	*-tert*-butyl	-H
F123 (a and b)	S	-OH	*-iso*-propyl	-H
F124 (a and b)	S	-OH	$-CH_3$	$-CH_3$
F125 (a and b)	S	-OH	-H	-H
F126 (a and b)	S	-OH	-H	-Cl
F127 (a and b)	S	-OH	-H	-Br
F128 (a and b)	S	-OH	-H	-F
F129 (a and b)	S	-OH	-H	$-CH_3$
F130 (a and b)	S	-OH	-H	$-CF_3$
F131 (a and b)	S	-OH	-H	$-OCH_3$
F132 (a and b)	S	-OH	-H	$-OCH_2CH_3$
F133 (a and b)	S	-OH	-H	$-OCF_3$
F134 (a and b)	S	-OH	-H	*-tert*-butyl
F135 (a and b)	S	-OH	-H	*-iso*-propyl
F136 (a and b)	S	$-NO_2$	-Cl	-H
F137 (a and b)	S	$-NO_2$	-Br	-H
F138 (a and b)	S	$-NO_2$	-F	-H
F139 (a and b)	S	$-NO_2$	$-CH_3$	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
F140 (a and b)	S	$-NO_2$	$-CF_3$	-H
F141 (a and b)	S	$-NO_2$	$-OCH_3$	-H
F142 (a and b)	S	$-NO_2$	$-OCH_2CH_3$	-H
F143 (a and b)	S	$-NO_2$	$-OCF_3$	-H
F144 (a and b)	S	$-NO_2$	-*tert*-butyl	-H
F145 (a and b)	S	$-NO_2$	-*iso*-propyl	-H
F146 (a and b)	S	$-NO_2$	$-CH_3$	$-CH_3$
F147 (a and b)	S	$-NO_2$	-H	-H
F148 (a and b)	S	$-NO_2$	-H	-Cl
F149 (a and b)	S	$-NO_2$	-H	-Br
F150 (a and b)	S	$-NO_2$	-H	-F
F151 (a and b)	S	$-NO_2$	-H	$-CH_3$
F152 (a and b)	S	$-NO_2$	-H	$-CF_3$
F153 (a and b)	S	$-NO_2$	-H	$-OCH_3$
F154 (a and b)	S	$-NO_2$	-H	$-OCH_2CH_3$
F155 (a and b)	S	$-NO_2$	-H	$-OCF_3$
F156 (a and b)	S	$-NO_2$	-H	-*tert*-butyl
F157 (a and b)	S	$-NO_2$	-H	-*iso*-propyl
F158 (a and b)	S	-CN	-Br	-H
F159 (a and b)	S	-CN	-Cl	-H
F160 (a and b)	S	-CN	-F	-H
F161 (a and b)	S	-CN	$-CH_3$	-H
F162 (a and b)	S	-CN	$-CF_3$	-H
F163 (a and b)	S	-CN	$-OCH_3$	-H
F164 (a and b)	S	-CN	$-OCH_2CH_3$	-H
F165 (a and b)	S	-CN	$-OCF_3$	-H
F166 (a and b)	S	-CN	-*tert*-butyl	-H
F167 (a and b)	S	-CN	-*iso*-propyl	-H
F168 (a and b)	S	-CN	$-CH_3$	$-CH_3$
F169 (a and b)	S	-CN	-H	-H
F170 (a and b)	S	-CN	-H	-Cl

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
F171 (a and b)	S	-CN	-H	-Br
F172 (a and b)	S	-CN	-H	-F
F173 (a and b)	S	-CN	-H	$-CH_3$
F174 (a and b)	S	-CN	-H	$-CF_3$
F175 (a and b)	S	-CN	-H	$-OCH_3$
F176 (a and b)	S	-CN	-H	$-OCH_2CH_3$
F177 (a and b)	S	-CN	-H	$-OCF_3$
F178 (a and b)	S	-CN	-H	*-tert*-butyl
F179 (a and b)	S	-CN	-H	*-iso*-propyl
F180 (a and b)	S	-Br	-Br	-H
F181 (a and b)	S	-Br	-Cl	-H
F182 (a and b)	S	-Br	-F	-H
F183 (a and b)	S	-Br	$-CH_3$	-H
F184 (a and b)	S	-Br	$-CF_3$	-H
F185 (a and b)	S	-Br	$-OCH_3$	-H
F186 (a and b)	S	-Br	$-OCH_2CH_3$	-H
F187 (a and b)	S	-Br	$-OCF_3$	-H
F188 (a and b)	S	-Br	*-tert*-butyl	-H
F189 (a and b)	S	-Br	*-iso*-propyl	-H
F190 (a and b)	S	-Br	$-CH_3$	$-CH_3$
F191 (a and b)	S	-Br	-H	-H
F192 (a and b)	S	-Br	-H	-Cl
F193 (a and b)	S	-Br	-H	-Br
F194 (a and b)	S	-Br	-H	-F
F195 (a and b)	S	-Br	-H	$-CH_3$
F196 (a and b)	S	-Br	-H	$-CF_3$
F197 (a and b)	S	-Br	-H	$-OCH_3$
F198 (a and b)	S	-Br	-H	$-OCH_2CH_3$
F199 (a and b)	S	-Br	-H	$-OCF_3$
F200 (a and b)	S	-Br	-H	*-tert*-butyl
F201 (a and b)	S	-Br	-H	*-iso*-propyl

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
F202 (a and b)	S	-I	-Cl	-H
F203 (a and b)	S	-I	-Br	-H
F204 (a and b)	S	-I	-F	-H
F205 (a and b)	S	-I	$-CH_3$	-H
F206 (a and b)	S	-I	$-CF_3$	-H
F207 (a and b)	S	-I	$-OCH_3$	-H
F208 (a and b)	S	-I	$-OCH_2CH_3$	-H
F209 (a and b)	S	-I	$-OCF_3$	-H
F210 (a and b)	S	-I	*-tert*-butyl	-H
F211 (a and b)	S	-I	*-iso*-propyl	-H
F212 (a and b)	S	-I	$-CH_3$	$-CH_3$
F213 (a and b)	S	-I	-H	-H
F214 (a and b)	S	-I	-H	-Cl
F215 (a and b)	S	-I	-H	-Br
F216 (a and b)	S	-I	-H	-F
F217 (a and b)	S	-I	-H	$-CH_3$
F218 (a and b)	S	-I	-H	$-CF_3$
F219 (a and b)	S	-I	-H	$-OCH_3$
F220 (a and b)	S	-I	-H	$-OCH_2CH_3$
F221 (a and b)	S	-I	-H	$-OCF_3$
F222 (a and b)	S	-I	-H	*-tert*-butyl
F223 (a and b)	S	-I	-H	*-iso*-propyl
F224 (a and b)	O	-H	-Cl	-H
F225 (a and b)	O	-H	-Br	-H
F226 (a and b)	O	-H	-F	-H
F227 (a and b)	O	-H	$-CH_3$	-H
F228 (a and b)	O	-H	$-CF_3$	-H
F229 (a and b)	O	-H	$-OCH_3$	-H
F230 (a and b)	O	-H	$-OCH_2CH_3$	-H
F231 (a and b)	O	-H	$-OCF_3$	-H
F232 (a and b)	O	-H	*-tert*-butyl	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
F233 (a and b)	O	-H	-*iso*-propyl	-H
F234 (a and b)	O	-H	$-CH_3$	$-CH_3$
F235 (a and b)	O	-H	-H	-H
F236 (a and b)	O	-H	-H	-Cl
F237 (a and b)	O	-H	-H	-Br
F238 (a and b)	O	-H	-H	-F
F239 (a and b)	O	-H	-H	$-CH_3$
F240 (a and b)	O	-H	-H	$-CF_3$
F241 (a and b)	O	-H	-H	$-OCH_3$
F242 (a and b)	O	-H	-H	$-OCH_2CH_3$
F243 (a and b)	O	-H	-H	$-OCF_3$
F244 (a and b)	O	-H	-H	-*tert*-butyl
F245 (a and b)	O	-H	-H	-*iso*-propyl
F246 (a and b)	O	-Cl	-Cl	-H
F247 (a and b)	O	-Cl	-Br	-H
F248 (a and b)	O	-Cl	-F	-H
F249 (a and b)	O	-Cl	$-CH_3$	-H
F250 (a and b)	O	-Cl	$-CF_3$	-H
F251 (a and b)	O	-Cl	$-OCH_3$	-H
F252 (a and b)	O	-Cl	$-OCH_2CH_3$	-H
F253 (a and b)	O	-Cl	$-OCF_3$	-H
F254 (a and b)	O	-Cl	-*tert*-butyl	-H
F255 (a and b)	O	-Cl	-*iso*-propyl	-H
F256 (a and b)	O	-Cl	$-CH_3$	$-CH_3$
F257 (a and b)	O	-Cl	-H	-H
F258 (a and b)	O	-Cl	-H	-Cl
F259 (a and b)	O	-Cl	-H	-Br
F260 (a and b)	O	-Cl	-H	-F
F261 (a and b)	O	-Cl	-H	$-CH_3$
F262 (a and b)	O	-Cl	-H	$-CF_3$
F263 (a and b)	O	-Cl	-H	$-OCH_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
F264 (a and b)	O	-Cl	-H	$-OCH_2CH_3$
F265 (a and b)	O	-Cl	-H	$-OCF_3$
F266 (a and b)	O	-Cl	-H	*-tert*-butyl
F267 (a and b)	O	-Cl	-H	*-iso*-propyl
F268 (a and b)	O	-Cl	-H	$-OCF_3$
F269 (a and b)	O	-Cl	-H	*-tert*-butyl
F270 (a and b)	O	-Cl	-H	*-iso*-propyl
F271 (a and b)	O	$-CH_3$	-Cl	-H
F272 (a and b)	O	$-CH_3$	-Br	-H
F273 (a and b)	O	$-CH_3$	-F	-H
F274 (a and b)	O	$-CH_3$	$-CH_3$	-H
F275 (a and b)	O	$-CH_3$	$-CF_3$	-H
F276 (a and b)	O	$-CH_3$	$-OCH_3$	-H
F277 (a and b)	O	$-CH_3$	$-OCH_2CH_3$	-H
F278 (a and b)	O	$-CH_3$	$-OCF_3$	-H
F279 (a and b)	O	$-CH_3$	*-tert*-butyl	-H
F280 (a and b)	O	$-CH_3$	*-iso*-propyl	-H
F281 (a and b)	O	$-CH_3$	$-CH_3$	$-CH_3$
F282 (a and b)	O	$-CH_3$	-H	-H
F283 (a and b)	O	$-CH_3$	-H	-Cl
F284 (a and b)	O	$-CH_3$	-H	-Br
F285 (a and b)	O	$-CH_3$	-H	-F
F286 (a and b)	O	$-CH_3$	-H	$-CH_3$
F287 (a and b)	O	$-CH_3$	-H	$-CF_3$
F288 (a and b)	O	$-CH_3$	-H	$-OCH_3$
F289 (a and b)	O	$-CH_3$	-H	$-OCH_2CH_3$
F290 (a and b)	O	$-CH_3$	-H	$-OCF_3$
F291 (a and b)	O	$-CH_3$	-H	*-tert*-butyl
F292 (a and b)	O	$-CH_3$	-H	*-iso*-propyl
F293 (a and b)	O	$-CF_3$	-Cl	-H
F294 (a and b)	O	$-CF_3$	-Br	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
F295 (a and b)	O	$-CF_3$	-F	-H
F296 (a and b)	O	$-CF_3$	$-CH_3$	-H
F297 (a and b)	O	$-CF_3$	$-CF_3$	-H
F298 (a and b)	O	$-CF_3$	$-OCH_3$	-H
F299 (a and b)	O	$-CF_3$	$-OCH_2CH_3$	-H
F300 (a and b)	O	$-CF_3$	$-OCF_3$	-H
F301 (a and b)	O	$-CF_3$	*-tert*-butyl	-H
F302 (a and b)	O	$-CF_3$	*-iso*-propyl	-H
F303 (a and b)	O	$-CF_3$	$-CH_3$	$-CH_3$
F304 (a and b)	O	$-CF_3$	-H	-H
F305 (a and b)	O	$-CF_3$	-H	-Cl
F306 (a and b)	O	$-CF_3$	-H	-Br
F307 (a and b)	O	$-CF_3$	-H	-F
F308 (a and b)	O	$-CF_3$	-H	$-CH_3$
F309 (a and b)	O	$-CF_3$	-H	$-CF_3$
F310 (a and b)	O	$-CF_3$	-H	$-OCH_3$
F311 (a and b)	O	$-CF_3$	-H	$-OCH_2CH_3$
F312 (a and b)	O	$-CF_3$	-H	$-OCF_3$
F313 (a and b)	O	$-CF_3$	-H	*-tert*-butyl
F314 (a and b)	O	$-CF_3$	-H	*-iso*-propyl
F315 (a and b)	O	$-CHF_2$	-Cl	-H
F316 (a and b)	O	$-CHF_2$	-Br	-H
F317 (a and b)	O	$-CHF_2$	-F	-H
F318 (a and b)	O	$-CHF_2$	$-CH_3$	-H
F319 (a and b)	O	$-CHF_2$	$-CF_3$	-H
F320 (a and b)	O	$-CHF_2$	$-OCH_3$	-H
F321 (a and b)	O	$-CHF_2$	$-OCH_2CH_3$	-H
F322 (a and b)	O	$-CHF_2$	$-OCF_3$	-H
F323 (a and b)	O	$-CHF_2$	*-tert*-butyl	-H
F324 (a and b)	O	$-CHF_2$	*-iso*-propyl	-H
F325 (a and b)	O	$-CHF_2$	$-CH_3$	$-CH_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
F326 (a and b)	O	$-CHF_2$	-H	-H
F327 (a and b)	O	$-CHF_2$	-H	-Cl
F328 (a and b)	O	$-CHF_2$	-H	-Br
F329 (a and b)	O	$-CHF_2$	-H	-F
F330 (a and b)	O	$-CHF_2$	-H	$-CH_3$
F331 (a and b)	O	$-CHF_2$	-H	$-CF_3$
F332 (a and b)	O	$-CHF_2$	-H	$-OCH_3$
F333 (a and b)	O	$-CHF_2$	-H	$-OCH_2CH_3$
F334 (a and b)	O	$-CHF_2$	-H	$-OCF_3$
F335 (a and b)	O	$-CHF_2$	-H	*-tert*-butyl
F336 (a and b)	O	$-CHF_2$	-H	*-iso*-propyl
F337 (a and b)	O	-OH	-Cl	-H
F338 (a and b)	O	-OH	-Br	-H
F339 (a and b)	O	-OH	-F	-H
F340 (a and b)	O	-OH	$-CH_3$	-H
F341 (a and b)	O	-OH	$-CF_3$	-H
F342 (a and b)	O	-OH	$-OCH_3$	-H
F343 (a and b)	O	-OH	$-OCH_2CH_3$	-H
F344 (a and b)	O	-OH	$-OCF_3$	-H
F345 (a and b)	O	-OH	*-tert*-butyl	-H
F346 (a and b)	O	-OH	*-iso*-propyl	-H
F347 (a and b)	O	-OH	$-CH_3$	$-CH_3$
F348 (a and b)	O	-OH	-H	-H
F349 (a and b)	O	-OH	-H	-Cl
F350 (a and b)	O	-OH	-H	-Br
F351 (a and b)	O	-OH	-H	-F
F352 (a and b)	O	-OH	-H	$-CH_3$
F353 (a and b)	O	-OH	-H	$-CF_3$
F354 (a and b)	O	-OH	-H	$-OCH_3$
F355 (a and b)	O	-OH	-H	$-OCH_2CH_3$
F356 (a and b)	O	-OH	-H	$-OCF_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
F357 (a and b)	O	-OH	-H	*-tert*-butyl
F358 (a and b)	O	-OH	-H	*-iso*-propyl
F359 (a and b)	O	$-NO_2$	-Cl	-H
F360 (a and b)	O	$-NO_2$	-Br	-H
F361 (a and b)	O	$-NO_2$	-F	-H
F362 (a and b)	O	$-NO_2$	$-CH_3$	-H
F363 (a and b)	O	$-NO_2$	$-CF_3$	-H
F364 (a and b)	O	$-NO_2$	$-OCH_3$	-H
F365 (a and b)	O	$-NO_2$	$-OCH_2CH_3$	-H
F366 (a and b)	O	$-NO_2$	$-OCF_3$	-H
F367 (a and b)	O	$-NO_2$	*-tert*-butyl	-H
F368 (a and b)	O	$-NO_2$	*-iso*-propyl	-H
F369 (a and b)	O	$-NO_2$	$-CH_3$	$-CH_3$
F370 (a and b)	O	$-NO_2$	-H	-H
F371 (a and b)	O	$-NO_2$	-H	-Cl
F372 (a and b)	O	$-NO_2$	-H	-Br
F373 (a and b)	O	$-NO_2$	-H	-F
F374 (a and b)	O	$-NO_2$	-H	$-CH_3$
F375 (a and b)	O	$-NO_2$	-H	$-CF_3$
F376 (a and b)	O	$-NO_2$	-H	$-OCH_3$
F377 (a and b)	O	$-NO_2$	-H	$-OCH_2CH_3$
F378 (a and b)	O	$-NO_2$	-H	$-OCF_3$
F379 (a and b)	O	$-NO_2$	-H	*-tert*-butyl
F380 (a and b)	O	$-NO_2$	-H	*-iso*-propyl
F381 (a and b)	O	-CN	-Br	-H
F382 (a and b)	O	-CN	-Cl	-H
F383 (a and b)	O	-CN	-F	-H
F384 (a and b)	O	-CN	$-CH_3$	-H
F385 (a and b)	O	-CN	$-CF_3$	-H
F386 (a and b)	O	-CN	$-OCH_3$	-H
F387 (a and b)	O	-CN	$-OCH_2CH_3$	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
F388 (a and b)	O	-CN	$-OCF_3$	-H
F389 (a and b)	O	-CN	*-tert*-butyl	-H
F390 (a and b)	O	-CN	*-iso*-propyl	-H
F391 (a and b)	O	-CN	$-CH_3$	$-CH_3$
F392 (a and b)	O	-CN	-H	-H
F393 (a and b)	O	-CN	-H	-Cl
F394 (a and b)	O	-CN	-H	-Br
F395 (a and b)	O	-CN	-H	-F
F396 (a and b)	O	-CN	-H	$-CH_3$
F397 (a and b)	O	-CN	-H	$-CF_3$
F398 (a and b)	O	-CN	-H	$-OCH_3$
F399 (a and b)	O	-CN	-H	$-OCH_2CH_3$
F400 (a and b)	O	-CN	-H	$-OCF_3$
F401 (a and b)	O	-CN	-H	*-tert*-butyl
F402 (a and b)	O	-CN	-H	*-iso*-propyl
F403 (a and b)	O	-Br	-Br	-H
F404 (a and b)	O	-Br	-Cl	-H
F405 (a and b)	O	-Br	-F	-H
F406 (a and b)	O	-Br	$-CH_3$	-H
F407 (a and b)	O	-Br	$-CF_3$	-H
F408 (a and b)	O	-Br	$-OCH_3$	-H
F409 (a and b)	O	-Br	$-OCH_2CH_3$	-H
F410 (a and b)	O	-Br	$-OCF_3$	-H
F411 (a and b)	O	-Br	*-tert*-butyl	-H
F412 (a and b)	O	-Br	*-iso*-propyl	-H
F413 (a and b)	O	-Br	$-CH_3$	$-CH_3$
F414 (a and b)	O	-Br	-H	-H
F415 (a and b)	O	-Br	-H	-Cl
F416 (a and b)	O	-Br	-H	-Br
F417 (a and b)	O	-Br	-H	-F
F418 (a and b)	O	-Br	-H	$-CH_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
F419 (a and b)	O	-Br	-H	$-CF_3$
F420 (a and b)	O	-Br	-H	$-OCH_3$
F421 (a and b)	O	-Br	-H	$-OCH_2CH_3$
F422 (a and b)	O	-Br	-H	$-OCF_3$
F423 (a and b)	O	-Br	-H	*-tert*-butyl
F424 (a and b)	O	-Br	-H	*-iso*-propyl
F425 (a and b)	O	-I	-Cl	-H
F426 (a and b)	O	-I	-Br	-H
F427 (a and b)	O	-I	-F	-H
F428 (a and b)	O	-I	$-CH_3$	-H
F429 (a and b)	O	-I	$-CF_3$	-H
F430 (a and b)	O	-I	$-OCH_3$	-H
F431 (a and b)	O	-I	$-OCH_2CH_3$	-H
F432 (a and b)	O	-I	$-OCF_3$	-H
F433 (a and b)	O	-I	*-tert*-butyl	-H
F434 (a and b)	O	-I	*-iso*-propyl	-H
F435 (a and b)	O	-I	$-CH_3$	$-CH_3$
F436 (a and b)	O	-I	-H	-H
F437 (a and b)	O	-I	-H	-Cl
F438 (a and b)	O	-I	-H	-Br
F439 (a and b)	O	-I	-H	-F
F440 (a and b)	O	-I	-H	$-CH_3$
F441 (a and b)	O	-I	-H	$-CF_3$
F442 (a and b)	O	-I	-H	$-OCH_3$
F443 (a and b)	O	-I	-H	$-OCH_2CH_3$
F444 (a and b)	O	-I	-H	$-OCF_3$
F445 (a and b)	O	-I	-H	*-tert*-butyl
F446 (a and b)	O	-I	-H	*-iso*-propyl
F447 (a and b)	NH	-H	-Cl	-H
F448 (a and b)	NH	-H	-Br	-H
F449 (a and b)	NH	-H	-F	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
F450 (a and b)	NH	-H	$-CH_3$	-H
F451 (a and b)	NH	-H	$-CF_3$	-H
F452 (a and b)	NH	-H	$-OCH_3$	-H
F453 (a and b)	NH	-H	$-OCH_2CH_3$	-H
F454 (a and b)	NH	-H	$-OCF_3$	-H
F455 (a and b)	NH	-H	*-tert*-butyl	-H
F456 (a and b)	NH	-H	*-iso*-propyl	-H
F457 (a and b)	NH	-H	$-CH_3$	$-CH_3$
F458 (a and b)	NH	-H	-H	-H
F459 (a and b)	NH	-H	-H	-Cl
F460 (a and b)	NH	-H	-H	-Br
F461 (a and b)	NH	-H	-H	-F
F462 (a and b)	NH	-H	-H	$-CH_3$
F463 (a and b)	NH	-H	-H	$-CF_3$
F464 (a and b)	NH	-H	-H	$-OCH_3$
F465 (a and b)	NH	-H	-H	$-OCH_2CH_3$
F466 (a and b)	NH	-H	-H	$-OCF_3$
F467 (a and b)	NH	-H	-H	*-tert*-butyl
F468 (a and b)	NH	-H	-H	*-iso*-propyl
F469 (a and b)	NH	-Cl	-Cl	-H
F470 (a and b)	NH	-Cl	-Br	-H
F471 (a and b)	NH	-Cl	-F	-H
F472 (a and b)	NH	-Cl	$-CH_3$	-H
F473 (a and b)	NH	-Cl	$-CF_3$	-H
F474 (a and b)	NH	-Cl	$-OCH_3$	-H
F475 (a and b)	NH	-Cl	$-OCH_2CH_3$	-H
F476 (a and b)	NH	-Cl	$-OCF_3$	-H
F477 (a and b)	NH	-Cl	*-tert*-butyl	-H
F478 (a and b)	NH	-Cl	*-iso*-propyl	-H
F479 (a and b)	NH	-Cl	$-CH_3$	$-CH_3$
F480 (a and b)	NH	-Cl	-H	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
F481 (a and b)	NH	-Cl	-H	-Cl
F482 (a and b)	NH	-Cl	-H	-Br
F483 (a and b)	NH	-Cl	-H	-F
F484 (a and b)	NH	-Cl	-H	$-CH_3$
F485 (a and b)	NH	-Cl	-H	$-CF_3$
F486 (a and b)	NH	-Cl	-H	$-OCH_3$
F487 (a and b)	NH	-Cl	-H	$-OCH_2CH_3$
F488 (a and b)	NH	-Cl	-H	$-OCF_3$
F489 (a and b)	NH	-Cl	-H	-*tert*-butyl
F490 (a and b)	NH	-Cl	-H	-*iso*-propyl
F491 (a and b)	NH	-Cl	-H	$-OCF_3$
F492 (a and b)	NH	-Cl	-H	-*tert*-butyl
F493 (a and b)	NH	-Cl	-H	-*iso*-propyl
F494 (a and b)	NH	$-CH_3$	-Cl	-H
F495 (a and b)	NH	$-CH_3$	-Br	-H
F496 (a and b)	NH	$-CH_3$	-F	-H
F497 (a and b)	NH	$-CH_3$	$-CH_3$	-H
F498 (a and b)	NH	$-CH_3$	$-CF_3$	-H
F499 (a and b)	NH	$-CH_3$	$-OCH_3$	-H
F500 (a and b)	NH	$-CH_3$	$-OCH_2CH_3$	-H
F501 (a and b)	NH	$-CH_3$	$-OCF_3$	-H
F502 (a and b)	NH	$-CH_3$	-*tert*-butyl	-H
F503 (a and b)	NH	$-CH_3$	-*iso*-propyl	-H
F504 (a and b)	NH	$-CH_3$	$-CH_3$	$-CH_3$
F505 (a and b)	NH	$-CH_3$	-H	-H
F506 (a and b)	NH	$-CH_3$	-H	-Cl
F507 (a and b)	NH	$-CH_3$	-H	-Br
F508 (a and b)	NH	$-CH_3$	-H	-F
F509 (a and b)	NH	$-CH_3$	-H	$-CH_3$
F510 (a and b)	NH	$-CH_3$	-H	$-CF_3$
F511 (a and b)	NH	$-CH_3$	-H	$-OCH_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
F512 (a and b)	NH	$-CH_3$	-H	$-OCH_2CH_3$
F513 (a and b)	NH	$-CH_3$	-H	$-OCF_3$
F514 (a and b)	NH	$-CH_3$	-H	-*tert*-butyl
F515 (a and b)	NH	$-CH_3$	-H	-*iso*-propyl
F516 (a and b)	NH	$-CF_3$	-Cl	-H
F517 (a and b)	NH	$-CF_3$	-Br	-H
F518 (a and b)	NH	$-CF_3$	-F	-H
F519 (a and b)	NH	$-CF_3$	$-CH_3$	-H
F520 (a and b)	NH	$-CF_3$	$-CF_3$	-H
F521 (a and b)	NH	$-CF_3$	$-OCH_3$	-H
F522 (a and b)	NH	$-CF_3$	$-OCH_2CH_3$	-H
F523 (a and b)	NH	$-CF_3$	$-OCF_3$	-H
F524 (a and b)	NH	$-CF_3$	-*tert*-butyl	-H
F525 (a and b)	NH	$-CF_3$	-*iso*-propyl	-H
F526 (a and b)	NH	$-CF_3$	$-CH_3$	$-CH_3$
F527 (a and b)	NH	$-CF_3$	-H	-H
F528 (a and b)	NH	$-CF_3$	-H	-Cl
F529 (a and b)	NH	$-CF_3$	-H	-Br
F530 (a and b)	NH	$-CF_3$	-H	-F
F531 (a and b)	NH	$-CF_3$	-H	$-CH_3$
F532 (a and b)	NH	$-CF_3$	-H	$-CF_3$
F533 (a and b)	NH	$-CF_3$	-H	$-OCH_3$
F534 (a and b)	NH	$-CF_3$	-H	$-OCH_2CH_3$
F535 (a and b)	NH	$-CF_3$	-H	$-OCF_3$
F536 (a and b)	NH	$-CF_3$	-H	-*tert*-butyl
F537 (a and b)	NH	$-CF_3$	-H	-*iso*-propyl
F538 (a and b)	NH	$-CHF_2$	-Cl	-H
F539 (a and b)	NH	$-CHF_2$	-Br	-H
F540 (a and b)	NH	$-CHF_2$	-F	-H
F541 (a and b)	NH	$-CHF_2$	$-CH_3$	-H
F542 (a and b)	NH	$-CHF_2$	$-CF_3$	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
F543 (a and b)	NH	$-CHF_2$	$-OCH_3$	-H
F544 (a and b)	NH	$-CHF_2$	$-OCH_2CH_3$	-H
F545 (a and b)	NH	$-CHF_2$	$-OCF_3$	-H
F546 (a and b)	NH	$-CHF_2$	*-tert*-butyl	-H
F547 (a and b)	NH	$-CHF_2$	*-iso*-propyl	-H
F548 (a and b)	NH	$-CHF_2$	$-CH_3$	$-CH_3$
F549 (a and b)	NH	$-CHF_2$	-H	-H
F550 (a and b)	NH	$-CHF_2$	-H	-Cl
F551 (a and b)	NH	$-CHF_2$	-H	-Br
F552 (a and b)	NH	$-CHF_2$	-H	-F
F553 (a and b)	NH	$-CHF_2$	-H	$-CH_3$
F554 (a and b)	NH	$-CHF_2$	-H	$-CF_3$
F555 (a and b)	NH	$-CHF_2$	-H	$-OCH_3$
F556 (a and b)	NH	$-CHF_2$	-H	$-OCH_2CH_3$
F557 (a and b)	NH	$-CHF_2$	-H	$-OCF_3$
F558 (a and b)	NH	$-CHF_2$	-H	*-tert*-butyl
F559 (a and b)	NH	$-CHF_2$	-H	*-iso*-propyl
F560 (a and b)	NH	-OH	-Cl	-H
F561 (a and b)	NH	-OH	-Br	-H
F562 (a and b)	NH	-OH	-F	-H
F563 (a and b)	NH	-OH	$-CH_3$	-H
F564 (a and b)	NH	-OH	$-CF_3$	-H
F565 (a and b)	NH	-OH	$-OCH_3$	-H
F566 (a and b)	NH	-OH	$-OCH_2CH_3$	-H
F567 (a and b)	NH	-OH	$-OCF_3$	-H
F568 (a and b)	NH	-OH	*-tert*-butyl	-H
F569 (a and b)	NH	-OH	*-iso*-propyl	-H
F570 (a and b)	NH	-OH	$-CH_3$	$-CH_3$
F571 (a and b)	NH	-OH	-H	-H
F572 (a and b)	NH	-OH	-H	-Cl
F573 (a and b)	NH	-OH	-H	-Br

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
F574 (a and b)	NH	-OH	-H	-F
F575 (a and b)	NH	-OH	-H	$-CH_3$
F576 (a and b)	NH	-OH	-H	$-CF_3$
F577 (a and b)	NH	-OH	-H	$-OCH_3$
F578 (a and b)	NH	-OH	-H	$-OCH_2CH_3$
F579 (a and b)	NH	-OH	-H	$-OCF_3$
F580 (a and b)	NH	-OH	-H	*-tert*-butyl
F581 (a and b)	NH	-OH	-H	*-iso*-propyl
F582 (a and b)	NH	$-NO_2$	-Cl	-H
F583 (a and b)	NH	$-NO_2$	-Br	-H
F584 (a and b)	NH	$-NO_2$	-F	-H
F585 (a and b)	NH	$-NO_2$	$-CH_3$	-H
F586 (a and b)	NH	$-NO_2$	$-CF_3$	-H
F587 (a and b)	NH	$-NO_2$	$-OCH_3$	-H
F588 (a and b)	NH	$-NO_2$	$-OCH_2CH_3$	-H
F589 (a and b)	NH	$-NO_2$	$-OCF_3$	-H
F590 (a and b)	NH	$-NO_2$	*-tert*-butyl	-H
F591 (a and b)	NH	$-NO_2$	*-iso*-propyl	-H
F592 (a and b)	NH	$-NO_2$	$-CH_3$	$-CH_3$
F593 (a and b)	NH	$-NO_2$	-H	-H
F594 (a and b)	NH	$-NO_2$	-H	-Cl
F595 (a and b)	NH	$-NO_2$	-H	-Br
F596 (a and b)	NH	$-NO_2$	-H	-F
F597 (a and b)	NH	$-NO_2$	-H	$-CH_3$
F598 (a and b)	NH	$-NO_2$	-H	$-CF_3$
F599 (a and b)	NH	$-NO_2$	-H	$-OCH_3$
F600 (a and b)	NH	$-NO_2$	-H	$-OCH_2CH_3$
F601 (a and b)	NH	$-NO_2$	-H	$-OCF_3$
F602 (a and b)	NH	$-NO_2$	-H	*-tert*-butyl
F603 (a and b)	NH	$-NO_2$	-H	*-iso*-propyl
F604 (a and b)	NH	-CN	-Br	-H

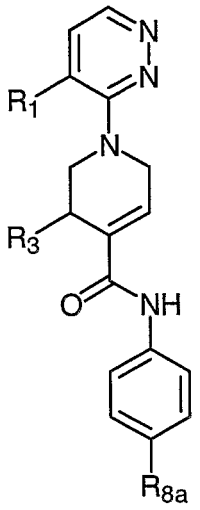
Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
F605 (a and b)	NH	-CN	-Cl	-H
F606 (a and b)	NH	-CN	-F	-H
F607 (a and b)	NH	-CN	$-CH_3$	-H
F608 (a and b)	NH	-CN	$-CF_3$	-H
F609 (a and b)	NH	-CN	$-OCH_3$	-H
F610 (a and b)	NH	-CN	$-OCH_2CH_3$	-H
F611 (a and b)	NH	-CN	$-OCF_3$	-H
F612 (a and b)	NH	-CN	*-tert*-butyl	-H
F613 (a and b)	NH	-CN	*-iso*-propyl	-H
F614 (a and b)	NH	-CN	$-CH_3$	$-CH_3$
F615 (a and b)	NH	-CN	-H	-H
F616 (a and b)	NH	-CN	-H	-Cl
F617 (a and b)	NH	-CN	-H	-Br
F618 (a and b)	NH	-CN	-H	-F
F619 (a and b)	NH	-CN	-H	$-CH_3$
F620 (a and b)	NH	-CN	-H	$-CF_3$
F621 (a and b)	NH	-CN	-H	$-OCH_3$
F622 (a and b)	NH	-CN	-H	$-OCH_2CH_3$
F623 (a and b)	NH	-CN	-H	$-OCF_3$
F624 (a and b)	NH	-CN	-H	*-tert*-butyl
F625 (a and b)	NH	-CN	-H	*-iso*-propyl
F626 (a and b)	NH	-Br	-Br	-H
F627 (a and b)	NH	-Br	-Cl	-H
F628 (a and b)	NH	-Br	-F	-H
F629 (a and b)	NH	-Br	$-CH_3$	-H
F630 (a and b)	NH	-Br	$-CF_3$	-H
F631 (a and b)	NH	-Br	$-OCH_3$	-H
F632 (a and b)	NH	-Br	$-OCH_2CH_3$	-H
F633 (a and b)	NH	-Br	$-OCF_3$	-H
F634 (a and b)	NH	-Br	*-tert*-butyl	-H
F635 (a and b)	NH	-Br	*-iso*-propyl	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
F636 (a and b)	NH	-Br	$-CH_3$	$-CH_3$
F637 (a and b)	NH	-Br	-H	-H
F638 (a and b)	NH	-Br	-H	-Cl
F639 (a and b)	NH	-Br	-H	-Br
F640 (a and b)	NH	-Br	-H	-F
F641 (a and b)	NH	-Br	-H	$-CH_3$
F642 (a and b)	NH	-Br	-H	$-CF_3$
F643 (a and b)	NH	-Br	-H	$-OCH_3$
F644 (a and b)	NH	-Br	-H	$-OCH_2CH_3$
F645 (a and b)	NH	-Br	-H	$-OCF_3$
F646 (a and b)	NH	-Br	-H	-*tert*-butyl
F647 (a and b)	NH	-Br	-H	-*iso*-propyl
F648 (a and b)	NH	-I	-Cl	-H
F649 (a and b)	NH	-I	-Br	-H
F650 (a and b)	NH	-I	-F	-H
F651 (a and b)	NH	-I	$-CH_3$	-H
F652 (a and b)	NH	-I	$-CF_3$	-H
F653 (a and b)	NH	-I	$-OCH_3$	-H
F654 (a and b)	NH	-I	$-OCH_2CH_3$	-H
F655 (a and b)	NH	-I	$-OCF_3$	-H
F656 (a and b)	NH	-I	-*tert*-butyl	-H
F657 (a and b)	NH	-I	-*iso*-propyl	-H
F658 (a and b)	NH	-I	$-CH_3$	$-CH_3$
F659 (a and b)	NH	-I	-H	-H
F660 (a and b)	NH	-I	-H	-Cl
F661 (a and b)	NH	-I	-H	-Br
F662 (a and b)	NH	-I	-H	-F
F663 (a and b)	NH	-I	-H	$-CH_3$
F664 (a and b)	NH	-I	-H	$-CF_3$
F665 (a and b)	NH	-I	-H	$-OCH_3$
F666 (a and b)	NH	-I	-H	$-OCH_2CH_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
F667 (a and b)	NH	-I	-H	$-OCF_3$
F668 (a and b)	NH	-I	-H	*-tert*-butyl
F669 (a and b)	NH	-I	-H	*-iso*-propyl

(a) means that R_3 is -H.
(b) means that R_3 is $-CH_3$.

Table 7



(Ig)

and pharmaceutically acceptable salts thereof, wherein:

Compound	R_1	R_{8a}
G01 (a and b)	-H	-H
G02 (a and b)	-H	-*tert*-butyl
G03 (a and b)	-H	-*iso*-butyl
G04 (a and b)	-H	-*sec*-butyl
G05 (a and b)	-H	-*iso*-propyl
G06 (a and b)	-H	-n-propyl
G07 (a and b)	-H	-cyclohexyl
G08 (a and b)	-H	-*tert*-butoxy
G09 (a and b)	-H	-isopropoxy
G10 (a and b)	-H	$-CF_3$
G11 (a and b)	-H	$-CH_2CF_3$
G12 (a and b)	-H	$-OCF_3$
G13 (a and b)	-H	-Cl
G14 (a and b)	-H	-Br
G15 (a and b)	-H	-I
G16 (a and b)	-H	-n-butyl

Compound	R_1	R_{8a}
G17 (a and b)	-H	$-CH_3$
G18 (a and b)	-H	$-SCF_3$
G19 (a and b)	-H	$-N(CH_2CH_3)_2$
G20 (a and b)	-H	$-OCF_2CHF_2$
G21 (a and b)	-H	$-C(OH)(CF_3)_2$
G22 (a and b)	-H	-(1,1-dimethyl-pentyl)
G23 (a and b)	-H	-(1,1-dimethyl-acetic acid) ethyl ester
G24 (a and b)	-H	-*N*-piperidinyl
G25 (a and b)	-Cl	-H
G26 (a and b)	-Cl	-*tert*-butyl
G27 (a and b)	-Cl	-*iso*-butyl
G28 (a and b)	-Cl	-*sec*-butyl
G29 (a and b)	-Cl	-*iso*-propyl
G30 (a and b)	-Cl	-n-propyl
G31 (a and b)	-Cl	-cyclohexyl
G32 (a and b)	-Cl	-*tert*-butoxy
G33 (a and b)	-Cl	-isopropoxy
G34 (a and b)	-Cl	$-CF_3$
G35 (a and b)	-Cl	$-CH_2CF_3$
G36 (a and b)	-Cl	$-OCF_3$
G37 (a and b)	-Cl	-Cl
G38 (a and b)	-Cl	-Br
G39 (a and b)	-Cl	-I
G40 (a and b)	-Cl	-n-butyl
G41 (a and b)	-Cl	$-CH_3$
G42 (a and b)	-Cl	$-SCF_3$
G43 (a and b)	-Cl	$-N(CH_2CH_3)_2$
G44 (a and b)	-Cl	$-OCF_2CHF_2$
G45 (a and b)	-Cl	$-C(OH)(CF_3)_2$
G46 (a and b)	-Cl	-(1,1-dimethyl-pentyl)

Compound	R_1	R_{8a}
G47 (a and b)	-Cl	-(1,1-dimethyl-acetic acid) ethyl ester
G48 (a and b)	-Cl	-*N*-piperidinyl
G49 (a and b)	-F	-H
G50 (a and b)	-F	-*tert*-butyl
G51 (a and b)	-F	-*iso*-butyl
G52 (a and b)	-F	-*sec*-butyl
G53 (a and b)	-F	-*iso*-propyl
G54 (a and b)	-F	-n-propyl
G55 (a and b)	-F	-cyclohexyl
G56 (a and b)	-F	-*tert*-butoxy
G57 (a and b)	-F	-isopropoxy
G58 (a and b)	-F	$-CF_3$
G59 (a and b)	-F	$-CH_2CF_3$
G60 (a and b)	-F	$-OCF_3$
G61 (a and b)	-F	-Cl
G62 (a and b)	-F	-Br
G63 (a and b)	-F	-I
G64 (a and b)	-F	-n-butyl
G65 (a and b)	-F	$-CH_3$
G66 (a and b)	-F	$-SCF_3$
G67 (a and b)	-F	$-N(CH_2CH_3)_2$
G68 (a and b)	-F	$-OCF_2CHF_2$
G69 (a and b)	-F	$-C(OH)(CF_3)_2$
G70 (a and b)	-F	-(1,1-dimethyl-pentyl)
G71 (a and b)	-F	-(1,1-dimethyl-acetic acid) ethyl ester
G72 (a and b)	-F	-*N*-piperidinyl
G73 (a and b)	$-CH_3$	-H
G74 (a and b)	$-CH_3$	-*iso*-butyl
G75 (a and b)	$-CH_3$	-*tert*-butyl
G76 (a and b)	$-CH_3$	-*sec*-butyl

Compound	R_1	R_{8a}
G77 (a and b)	$-CH_3$	-iso-propyl
G78 (a and b)	$-CH_3$	-n-propyl
G79 (a and b)	$-CH_3$	-cyclohexyl
G80 (a and b)	$-CH_3$	-*tert*-butoxy
G81 (a and b)	$-CH_3$	-isopropoxy
G82 (a and b)	$-CH_3$	$-CF_3$
G83 (a and b)	$-CH_3$	$-CH_2CF_3$
G84 (a and b)	$-CH_3$	$-OCF_3$
G85 (a and b)	$-CH_3$	-Cl
G86 (a and b)	$-CH_3$	-Br
G87 (a and b)	$-CH_3$	-I
G88 (a and b)	$-CH_3$	-n-butyl
G89 (a and b)	$-CH_3$	$-CH_3$
G90 (a and b)	$-CH_3$	$-SCF_3$
G91 (a and b)	$-CH_3$	$-N(CH_2CH_3)_2$
G92 (a and b)	$-CH_3$	$-OCF_2CHF_2$
G93 (a and b)	$-CH_3$	$-C(OH)(CF_3)_2$
G94 (a and b)	$-CH_3$	-(1,1-dimethyl-pentyl)
G95 (a and b)	$-CH_3$	-(1,1-dimethyl-acetic acid) ethyl ester
G96 (a and b)	$-CH_3$	-*N*-piperidinyl
G97 (a and b)	$-CF_3$	-H
G98 (a and b)	$-CF_3$	-*tert*-butyl
G99 (a and b)	$-CF_3$	-*iso*-butyl
G100 (a and b)	$-CF_3$	-*sec*-butyl
G101 (a and b)	$-CF_3$	-*iso*-propyl
G102 (a and b)	$-CF_3$	-n-propyl
G103 (a and b)	$-CF_3$	-cyclohexyl
G104 (a and b)	$-CF_3$	-*tert*-butoxy
G105 (a and b)	$-CF_3$	-isopropoxy
G106 (a and b)	$-CF_3$	$-CF_3$

Compound	R_1	R_{8a}
G107 (a and b)	$-CF_3$	$-CH_2CF_3$
G108 (a and b)	$-CF_3$	$-OCF_3$
G109 (a and b)	$-CF_3$	-Cl
G110 (a and b)	$-CF_3$	-Br
G111 (a and b)	$-CF_3$	-I
G112 (a and b)	$-CF_3$	-n-butyl
G113 (a and b)	$-CF_3$	$-CH_3$
G114 (a and b)	$-CF_3$	$-SCF_3$
G115 (a and b)	$-CF_3$	$-N(CH_2CH_3)_2$
G116 (a and b)	$-CF_3$	$-OCF_2CHF_2$
G117 (a and b)	$-CF_3$	$-C(OH)(CF_3)_2$
G118 (a and b)	$-CF_3$	-(1,1-dimethyl-pentyl)
G119 (a and b)	$-CF_3$	-(1,1-dimethyl-acetic acid) ethyl ester
G120 (a and b)	$-CF_3$	-*N*-piperidinyl
G121 (a and b)	$-CHF_2$	-*tert*-butyl
G122 (a and b)	$-CHF_2$	-H
G123 (a and b)	$-CHF_2$	-*iso*-butyl
G124 (a and b)	$-CHF_2$	-*sec*-butyl
G125 (a and b)	$-CHF_2$	-*iso*-propyl
G126 (a and b)	$-CHF_2$	-n-propyl
G127 (a and b)	$-CHF_2$	-cyclohexyl
G128 (a and b)	$-CHF_2$	-*tert*-butoxy
G129 (a and b)	$-CHF_2$	-isopropoxy
G130 (a and b)	$-CHF_2$	$-CF_3$
G131 (a and b)	$-CHF_2$	$-CH_2CF_3$
G132 (a and b)	$-CHF_2$	$-OCF_3$
G133 (a and b)	$-CHF_2$	-Cl
G134 (a and b)	$-CHF_2$	-Br
G135 (a and b)	$-CHF_2$	-I
G136 (a and b)	$-CHF_2$	-n-butyl

Compound	R_1	R_{8a}
G137 (a and b)	$-CHF_2$	$-CH_3$
G138 (a and b)	$-CHF_2$	$-SCF_3$
G139 (a and b)	$-CHF_2$	$-N(CH_2CH_3)_2$
G140 (a and b)	$-CHF_2$	$-OCF_2CHF_2$
G141 (a and b)	$-CHF_2$	$-C(OH)(CF_3)_2$
G142 (a and b)	$-CHF_2$	-(1,1-dimethyl-pentyl)
G143 (a and b)	$-CHF_2$	-(1,1-dimethyl-acetic acid) ethyl ester
G144 (a and b)	$-CHF_2$	-*N*-piperidinyl
G145 (a and b)	-OH	-H
G146 (a and b)	-OH	-*tert*-butyl
G147 (a and b)	-OH	-*iso*-butyl
G148 (a and b)	-OH	-*sec*-butyl
G149 (a and b)	-OH	-*iso*-propyl
G150 (a and b)	-OH	-n-propyl
G151 (a and b)	-OH	-cyclohexyl
G152 (a and b)	-OH	-*tert*-butoxy
G153 (a and b)	-OH	-isopropoxy
G154 (a and b)	-OH	$-CF_3$
G155 (a and b)	-OH	$-CH_2CF_3$
G156 (a and b)	-OH	$-OCF_3$
G157 (a and b)	-OH	-Cl
G158 (a and b)	-OH	-Br
G159 (a and b)	-OH	-I
G160 (a and b)	-OH	-n-butyl
G161 (a and b)	-OH	$-CH_3$
G162 (a and b)	-OH	$-SCF_3$
G163 (a and b)	-OH	$-N(CH_2CH_3)_2$
G164 (a and b)	-OH	$-OCF_2CHF_2$
G165 (a and b)	-OH	$-C(OH)(CF_3)_2$
G166 (a and b)	-OH	-(1,1-dimethyl-pentyl)

Compound	R_1	R_{8a}
G167 (a and b)	-OH	-(1,1-dimethyl-acetic acid) ethyl ester
G168 (a and b)	-OH	-*N*-piperidinyl
G169 (a and b)	$-NO_2$	-H
G170 (a and b)	$-NO_2$	-*tert*-butyl
G171 (a and b)	$-NO_2$	-*iso*-butyl
G172 (a and b)	$-NO_2$	-*sec*-butyl
G173 (a and b)	$-NO_2$	-*iso*-propyl
G174 (a and b)	$-NO_2$	-n-propyl
G175 (a and b)	$-NO_2$	-cyclohexyl
G176 (a and b)	$-NO_2$	-*tert*-butoxy
G177 (a and b)	$-NO_2$	-isopropoxy
G178 (a and b)	$-NO_2$	$-CF_3$
G179 (a and b)	$-NO_2$	$-CH_2CF_3$
G180 (a and b)	$-NO_2$	$-OCF_3$
G181 (a and b)	$-NO_2$	-Cl
G182 (a and b)	$-NO_2$	-Br
G183 (a and b)	$-NO_2$	-I
G184 (a and b)	$-NO_2$	-n-butyl
G185 (a and b)	$-NO_2$	$-CH_3$
G186 (a and b)	$-NO_2$	$-SCF_3$
G187 (a and b)4	$-NO_2$	$-N(CH_2CH_3)_2$
G188 (a and b)	$-NO_2$	$-OCF_2CHF_2$
G189 (a and b)	$-NO_2$	$-C(OH)(CF_3)_2$
G190 (a and b)	$-NO_2$	-(1,1-dimethyl-pentyl)
G191 (a and b)	$-NO_2$	-(1,1-dimethyl-acetic acid) ethyl ester
G192 (a and b)	$-NO_2$	-*N*-piperidinyl
G193 (a and b)	-CN	-H
G194 (a and b)	-CN	-*tert*-butyl
G195 (a and b)	-CN	-*iso*-butyl
G196 (a and b)	-CN	-*sec*-butyl

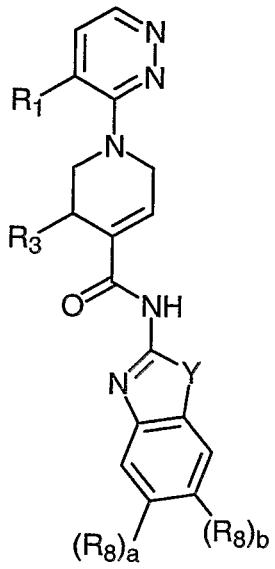
Compound	R_1	R_{8a}
G197 (a and b)	-CN	-*iso*-propyl
G198 (a and b)	-CN	-n-propyl
G199 (a and b)	-CN	-cyclohexyl
G200 (a and b)	-CN	-*tert*-butoxy
G201 (a and b)	-CN	-isopropoxy
G202 (a and b)	-CN	$-CF_3$
G203 (a and b)	-CN	$-CH_2CF_3$
G204 (a and b)	-CN	$-OCF_3$
G205 (a and b)	-CN	-Cl
G206 (a and b)	-CN	-Br
G207 (a and b)	-CN	-I
G208 (a and b)	-CN	-n-butyl
G209 (a and b)	-CN	$-CH_3$
G210 (a and b)	-CN	$-SCF_3$
G211 (a and b)	-CN	$-N(CH_2CH_3)_2$
G212 (a and b)	-CN	$-OCF_2CHF_2$
G213 (a and b)	-CN	$-C(OH)(CF_3)_2$
G214 (a and b)	-CN	-(1,1-dimethyl-pentyl)
G215 (a and b)	-CN	-(1,1-dimethyl-acetic acid) ethyl ester
G216 (a and b)	-CN	-*N*-piperidinyl
G217 (a and b)	-Br	-H
G218 (a and b)	-Br	-*tert*-butyl
G219 (a and b)	-Br	-*iso*-butyl
G220 (a and b)	-Br	-*sec*-butyl
G221 (a and b)	-Br	-*iso*-propyl
G222 (a and b)	-Br	-n-propyl
G223 (a and b)	-Br	-cyclohexyl
G224 (a and b)	-Br	-*tert*-butoxy
G225 (a and b)	-Br	-isopropoxy
G226 (a and b)	-Br	$-CF_3$

Compound	R_1	R_{8a}
G227 (a and b)	-Br	$-CH_2CF_3$
G228 (a and b)	-Br	$-OCF_3$
G229 (a and b)	-Br	-Cl
G230 (a and b)	-Br	-Br
G231 (a and b)	-Br	-I
G232 (a and b)	-Br	-n-butyl
G233 (a and b)	-Br	$-CH_3$
G234 (a and b)	-Br	$-SCF_3$
G235 (a and b)	-Br	$-N(CH_2CH_3)_2$
G236 (a and b)	-Br	$-OCF_2CHF_2$
G237 (a and b)	-Br	$-C(OH)(CF_3)_2$
G238 (a and b)	-Br	-(1,1-dimethyl-pentyl)
G239 (a and b)	-Br	-(1,1-dimethyl-acetic acid) ethyl ester
G240 (a and b)	-Br	-*N*-piperidinyl
G241 (a and b)	-I	-*tert*-butyl
G242 (a and b)	-I	-H
G243 (a and b)	-I	-*iso*-butyl
G244 (a and b)	-I	-*sec*-butyl
G245 (a and b)	-I	-*iso*-propyl
G246 (a and b)	-I	-n-propyl
G247 (a and b)	-I	-cyclohexyl
G248 (a and b)	-I	-*tert*-butoxy
G249 (a and b)	-I	-isopropoxy
G250 (a and b)	-I	$-CF_3$
G251 (a and b)	-I	$-CH_2CF_3$
G252 (a and b)	-I	$-OCF_3$
G253 (a and b)	-I	-Cl
G254 (a and b)	-I	-Br
G255 (a and b)	-I	-I
G256 (a and b)	-I	-n-butyl

Compound	R_1	R_{8a}
G257 (a and b)	-I	$-CH_3$
G258 (a and b)	-I	$-SCF_3$
G259 (a and b)	-I	$-N(CH_2CH_3)_2$
G260 (a and b)	-I	$-OCF_2CHF_2$
G261 (a and b)	-I	$-C(OH)(CF_3)_2$
G262 (a and b)	-I	-(1,1-dimethyl-pentyl)
G263 (a and b)	-I	-(1,1-dimethyl-acetic acid) ethyl ester
G264 (a and b)	-I	-*N*-piperidinyl

(a) means that R_3 is -H.
(b) means that R_3 is $-CH_3$.

Table 8



(Ih)

and pharmaceutically acceptable salts thereof, wherein:

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
H01 (a and b)	S	-H	-Cl	-H
H02 (a and b)	S	-H	-Br	-H
H03 (a and b)	S	-H	-F	-H
H04 (a and b)	S	-H	$-CH_3$	-H
H05 (a and b)	S	-H	$-CF_3$	-H
H06 (a and b)	S	-H	$-OCH_3$	-H
H07 (a and b)	S	-H	$-OCH_2CH_3$	-H
H08 (a and b)	S	-H	$-OCF_3$	-H
H09 (a and b)	S	-H	-*tert*-butyl	-H
H10 (a and b)	S	-H	-*iso*-propyl	-H
H11 (a and b)	S	-H	$-CH_3$	$-CH_3$
H12 (a and b)	S	-H	-H	-H
H13 (a and b)	S	-H	-H	-Cl
H14 (a and b)	S	-H	-H	-Br
H15 (a and b)	S	-H	-H	-F

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
H16 (a and b)	S	-H	-H	$-CH_3$
H17 (a and b)	S	-H	-H	$-CF_3$
H18 (a and b)	S	-H	-H	$-OCH_3$
H19 (a and b)	S	-H	-H	$-OCH_2CH_3$
H20 (a and b)	S	-H	-H	$-OCF_3$
H21 (a and b)	S	-H	-H	*-tert*-butyl
H22 (a and b)	S	-H	-H	*-iso*-propyl
H23 (a and b)	S	-Cl	-Cl	-H
H24 (a and b)	S	-Cl	-Br	-H
H25 (a and b)	S	-Cl	-F	-H
H26 (a and b)	S	-Cl	$-CH_3$	-H
H27 (a and b)	S	-Cl	$-CF_3$	-H
H28 (a and b)	S	-Cl	$-OCH_3$	-H
H29 (a and b)	S	-Cl	$-OCH_2CH_3$	-H
H30 (a and b)	S	-Cl	$-OCF_3$	-H
H31 (a and b)	S	-Cl	*-tert*-butyl	-H
H32 (a and b)	S	-Cl	*-iso*-propyl	-H
H33 (a and b)	S	-Cl	$-CH_3$	$-CH_3$
H34 (a and b)	S	-Cl	-H	-H
H35 (a and b)	S	-Cl	-H	-Cl
H36 (a and b)	S	-Cl	-H	-Br
H37 (a and b)	S	-Cl	-H	-F
H38 (a and b)	S	-Cl	-H	$-CH_3$
H39 (a and b)	S	-Cl	-H	$-CF_3$
H40 (a and b)	S	-Cl	-H	$-OCH_3$
H41 (a and b)	S	-Cl	-H	$-OCH_2CH_3$
H42 (a and b)	S	-Cl	-H	$-OCF_3$
H43 (a and b)	S	-Cl	-H	*-tert*-butyl
H44 (a and b)	S	-Cl	-H	*-iso*-propyl
H45 (a and b)	S	-Cl	-H	$-OCF_3$
H46 (a and b)	S	-Cl	-H	*-tert*-butyl

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
H47 (a and b)	S	-Cl	-H	-*iso*-propyl
H48 (a and b)	S	$-CH_3$	-Cl	-H
H49 (a and b)	S	$-CH_3$	-Br	-H
H50 (a and b)	S	$-CH_3$	-F	-H
H51 (a and b)	S	$-CH_3$	$-CH_3$	-H
H52 (a and b)	S	$-CH_3$	$-CF_3$	-H
H53 (a and b)	S	$-CH_3$	$-OCH_3$	-H
H54 (a and b)	S	$-CH_3$	$-OCH_2CH_3$	-H
H55 (a and b)	S	$-CH_3$	$-OCF_3$	-H
H56 (a and b)	S	$-CH_3$	-*tert*-butyl	-H
H57 (a and b)	S	$-CH_3$	-*iso*-propyl	-H
H58 (a and b)	S	$-CH_3$	$-CH_3$	$-CH_3$
H59 (a and b)	S	$-CH_3$	-H	-H
H60 (a and b)	S	$-CH_3$	-H	-Cl
H61 (a and b)	S	$-CH_3$	-H	-Br
H62 (a and b)	S	$-CH_3$	-H	-F
H63 (a and b)	S	$-CH_3$	-H	$-CH_3$
H64 (a and b)	S	$-CH_3$	-H	$-CF_3$
H65 (a and b)	S	$-CH_3$	-H	$-OCH_3$
H66 (a and b)	S	$-CH_3$	-H	$-OCH_2CH_3$
H67 (a and b)	S	$-CH_3$	-H	$-OCF_3$
H68 (a and b)	S	$-CH_3$	-H	-*tert*-butyl
H69 (a and b)	S	$-CH_3$	-H	-*iso*-propyl
H70 (a and b)	S	$-CF_3$	-Cl	-H
H71 (a and b)	S	$-CF_3$	-Br	-H
H72 (a and b)	S	$-CF_3$	-F	-H
H73 (a and b)	S	$-CF_3$	$-CH_3$	-H
H74 (a and b)	S	$-CF_3$	$-CF_3$	-H
H75 (a and b)	S	$-CF_3$	$-OCH_3$	-H
H76 (a and b)	S	$-CF_3$	$-OCH_2CH_3$	-H
H77 (a and b)	S	$-CF_3$	$-OCF_3$	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
H78 (a and b)	S	$-CF_3$	*-tert*-butyl	-H
H79 (a and b)	S	$-CF_3$	*-iso*-propyl	-H
H80 (a and b)	S	$-CF_3$	$-CH_3$	$-CH_3$
H81 (a and b)	S	$-CF_3$	-H	-H
H82 (a and b)	S	$-CF_3$	-H	-Cl
H83 (a and b)	S	$-CF_3$	-H	-Br
H84 (a and b)	S	$-CF_3$	-H	-F
H85 (a and b)	S	$-CF_3$	-H	$-CH_3$
H86 (a and b)	S	$-CF_3$	-H	$-CF_3$
H87 (a and b)	S	$-CF_3$	-H	$-OCH_3$
H88 (a and b)	S	$-CF_3$	-H	$-OCH_2CH_3$
H89 (a and b)	S	$-CF_3$	-H	$-OCF_3$
H90 (a and b)	S	$-CF_3$	-H	*-tert*-butyl
H91 (a and b)	S	$-CF_3$	-H	*-iso*-propyl
H92 (a and b)	S	$-CHF_2$	-Cl	-H
H93 (a and b)	S	$-CHF_2$	-Br	-H
H94 (a and b)	S	$-CHF_2$	-F	-H
H95 (a and b)	S	$-CHF_2$	$-CH_3$	-H
H96 (a and b)	S	$-CHF_2$	$-CF_3$	-H
H97 (a and b)	S	$-CHF_2$	$-OCH_3$	-H
H98 (a and b)	S	$-CHF_2$	$-OCH_2CH_3$	-H
H99 (a and b)	S	$-CHF_2$	$-OCF_3$	-H
H100 (a and b)	S	$-CHF_2$	*-tert*-butyl	-H
H101 (a and b)	S	$-CHF_2$	*-iso*-propyl	-H
H102 (a and b)	S	$-CHF_2$	$-CH_3$	$-CH_3$
H103 (a and b)	S	$-CHF_2$	-H	-H
H104 (a and b)	S	$-CHF_2$	-H	-Cl
H105 (a and b)	S	$-CHF_2$	-H	-Br
H106 (a and b)	S	$-CHF_2$	-H	-F
H107 (a and b)	S	$-CHF_2$	-H	$-CH_3$
H108 (a and b)	S	$-CHF_2$	-H	$-CF_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
H109 (a and b)	S	$-CHF_2$	-H	$-OCH_3$
H110 (a and b)	S	$-CHF_2$	-H	$-OCH_2CH_3$
H111 (a and b)	S	$-CHF_2$	-H	$-OCF_3$
H112 (a and b)	S	$-CHF_2$	-H	*-tert*-butyl
H113 (a and b)	S	$-CHF_2$	-H	*-iso*-propyl
H114 (a and b)	S	-OH	-Cl	-H
H115 (a and b)	S	-OH	-Br	-H
H116 (a and b)	S	-OH	-F	-H
H117 (a and b)	S	-OH	$-CH_3$	-H
H118 (a and b)	S	-OH	$-CF_3$	-H
H119 (a and b)	S	-OH	$-OCH_3$	-H
H120 (a and b)	S	-OH	$-OCH_2CH_3$	-H
H121 (a and b)	S	-OH	$-OCF_3$	-H
H122 (a and b)	S	-OH	*-tert*-butyl	-H
H123 (a and b)	S	-OH	*-iso*-propyl	-H
H124 (a and b)	S	-OH	$-CH_3$	$-CH_3$
H125 (a and b)	S	-OH	-H	-H
H126 (a and b)	S	-OH	-H	-Cl
H127 (a and b)	S	-OH	-H	-Br
H128 (a and b)	S	-OH	-H	-F
H129 (a and b)	S	-OH	-H	$-CH_3$
H130 (a and b)	S	-OH	-H	$-CF_3$
H131 (a and b)	S	-OH	-H	$-OCH_3$
H132 (a and b)	S	-OH	-H	$-OCH_2CH_3$
H133 (a and b)	S	-OH	-H	$-OCF_3$
H134 (a and b)	S	-OH	-H	*-tert*-butyl
H135 (a and b)	S	-OH	-H	*-iso*-propyl
H136 (a and b)	S	$-NO_2$	-Cl	-H
H137 (a and b)	S	$-NO_2$	-Br	-H
H138 (a and b)	S	$-NO_2$	-F	-H
H139 (a and b)	S	$-NO_2$	$-CH_3$	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
H140 (a and b)	S	$-NO_2$	$-CF_3$	-H
H141 (a and b)	S	$-NO_2$	$-OCH_3$	-H
H142 (a and b)	S	$-NO_2$	$-OCH_2CH_3$	-H
H143 (a and b)	S	$-NO_2$	$-OCF_3$	-H
H144 (a and b)	S	$-NO_2$	-*tert*-butyl	-H
H145 (a and b)	S	$-NO_2$	-*iso*-propyl	-H
H146 (a and b)	S	$-NO_2$	$-CH_3$	$-CH_3$
H147 (a and b)	S	$-NO_2$	-H	-H
H148 (a and b)	S	$-NO_2$	-H	-Cl
H149 (a and b)	S	$-NO_2$	-H	-Br
H150 (a and b)	S	$-NO_2$	-H	-F
H151 (a and b)	S	$-NO_2$	-H	$-CH_3$
H152 (a and b)	S	$-NO_2$	-H	$-CF_3$
H153 (a and b)	S	$-NO_2$	-H	$-OCH_3$
H154 (a and b)	S	$-NO_2$	-H	$-OCH_2CH_3$
H155 (a and b)	S	$-NO_2$	-H	$-OCF_3$
H156 (a and b)	S	$-NO_2$	-H	-*tert*-butyl
H157 (a and b)	S	$-NO_2$	-H	-*iso*-propyl
H158 (a and b)	S	-CN	-Br	-H
H159 (a and b)	S	-CN	-Cl	-H
H160 (a and b)	S	-CN	-F	-H
H161 (a and b)	S	-CN	$-CH_3$	-H
H162 (a and b)	S	-CN	$-CF_3$	-H
H163 (a and b)	S	-CN	$-OCH_3$	-H
H164 (a and b)	S	-CN	$-OCH_2CH_3$	-H
H165 (a and b)	S	-CN	$-OCF_3$	-H
H166 (a and b)	S	-CN	-*tert*-butyl	-H
H167 (a and b)	S	-CN	-*iso*-propyl	-H
H168 (a and b)	S	-CN	$-CH_3$	$-CH_3$
H169 (a and b)	S	-CN	-H	-H
H170 (a and b)	S	-CN	-H	-Cl

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
H171 (a and b)	S	-CN	-H	-Br
H172 (a and b)	S	-CN	-H	-F
H173 (a and b)	S	-CN	-H	$-CH_3$
H174 (a and b)	S	-CN	-H	$-CF_3$
H175 (a and b)	S	-CN	-H	$-OCH_3$
H176 (a and b)	S	-CN	-H	$-OCH_2CH_3$
H177 (a and b)	S	-CN	-H	$-OCF_3$
H178 (a and b)	S	-CN	-H	*-tert*-butyl
H179 (a and b)	S	-CN	-H	*-iso*-propyl
H180 (a and b)	S	-Br	-Br	-H
H181 (a and b)	S	-Br	-Cl	-H
H182 (a and b)	S	-Br	-F	-H
H183 (a and b)	S	-Br	$-CH_3$	-H
H184 (a and b)	S	-Br	$-CF_3$	-H
H185 (a and b)	S	-Br	$-OCH_3$	-H
H186 (a and b)	S	-Br	$-OCH_2CH_3$	-H
H187 (a and b)	S	-Br	$-OCF_3$	-H
H188 (a and b)	S	-Br	*-tert*-butyl	-H
H189 (a and b)	S	-Br	*-iso*-propyl	-H
H190 (a and b)	S	-Br	$-CH_3$	$-CH_3$
H191 (a and b)	S	-Br	-H	-H
H192 (a and b)	S	-Br	-H	-Cl
H193 (a and b)	S	-Br	-H	-Br
H194 (a and b)	S	-Br	-H	-F
H195 (a and b)	S	-Br	-H	$-CH_3$
H196 (a and b)	S	-Br	-H	$-CF_3$
H197 (a and b)	S	-Br	-H	$-OCH_3$
H198 (a and b)	S	-Br	-H	$-OCH_2CH_3$
H199 (a and b)	S	-Br	-H	$-OCF_3$
H200 (a and b)	S	-Br	-H	*-tert*-butyl
H201 (a and b)	S	-Br	-H	*-iso*-propyl

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
H202 (a and b)	S	-I	-Cl	-H
H203 (a and b)	S	-I	-Br	-H
H204 (a and b)	S	-I	-F	-H
H205 (a and b)	S	-I	$-CH_3$	-H
H206 (a and b)	S	-I	$-CF_3$	-H
H207 (a and b)	S	-I	$-OCH_3$	-H
H208 (a and b)	S	-I	$-OCH_2CH_3$	-H
H209 (a and b)	S	-I	$-OCF_3$	-H
H210 (a and b)	S	-I	*-tert*-butyl	-H
H211 (a and b)	S	-I	*-iso*-propyl	-H
H212 (a and b)	S	-I	$-CH_3$	$-CH_3$
H213 (a and b)	S	-I	-H	-H
H214 (a and b)	S	-I	-H	-Cl
H215 (a and b)	S	-I	-H	-Br
H216 (a and b)	S	-I	-H	-F
H217 (a and b)	S	-I	-H	$-CH_3$
H218 (a and b)	S	-I	-H	$-CF_3$
H219 (a and b)	S	-I	-H	$-OCH_3$
H220 (a and b)	S	-I	-H	$-OCH_2CH_3$
H221 (a and b)	S	-I	-H	$-OCF_3$
H222 (a and b)	S	-I	-H	*-tert*-butyl
H223 (a and b)	S	-I	-H	*-iso*-propyl
H224 (a and b)	O	-H	-Cl	-H
H225 (a and b)	O	-H	-Br	-H
H226 (a and b)	O	-H	-F	-H
H227 (a and b)	O	-H	$-CH_3$	-H
H228 (a and b)	O	-H	$-CF_3$	-H
H229 (a and b)	O	-H	$-OCH_3$	-H
H230 (a and b)	O	-H	$-OCH_2CH_3$	-H
H231 (a and b)	O	-H	$-OCF_3$	-H
H232 (a and b)	O	-H	*-tert*-butyl	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
H233 (a and b)	O	-H	-*iso*-propyl	-H
H234 (a and b)	O	-H	$-CH_3$	$-CH_3$
H235 (a and b)	O	-H	-H	-H
H236 (a and b)	O	-H	-H	-Cl
H237 (a and b)	O	-H	-H	-Br
H238 (a and b)	O	-H	-H	-F
H239 (a and b)	O	-H	-H	$-CH_3$
H240 (a and b)	O	-H	-H	$-CF_3$
H241 (a and b)	O	-H	-H	$-OCH_3$
H242 (a and b)	O	-H	-H	$-OCH_2CH_3$
H243 (a and b)	O	-H	-H	$-OCF_3$
H244 (a and b)	O	-H	-H	-*tert*-butyl
H245 (a and b)	O	-H	-H	-*iso*-propyl
H246 (a and b)	O	-Cl	-Cl	-H
H247 (a and b)	O	-Cl	-Br	-H
H248 (a and b)	O	-Cl	-F	-H
H249 (a and b)	O	-Cl	$-CH_3$	-H
H250 (a and b)	O	-Cl	$-CF_3$	-H
H251 (a and b)	O	-Cl	$-OCH_3$	-H
H252 (a and b)	O	-Cl	$-OCH_2CH_3$	-H
H253 (a and b)	O	-Cl	$-OCF_3$	-H
H254 (a and b)	O	-Cl	-*tert*-butyl	-H
H255 (a and b)	O	-Cl	-*iso*-propyl	-H
H256 (a and b)	O	-Cl	$-CH_3$	$-CH_3$
H257 (a and b)	O	-Cl	-H	-H
H258 (a and b)	O	-Cl	-H	-Cl
H259 (a and b)	O	-Cl	-H	-Br
H260 (a and b)	O	-Cl	-H	-F
H261 (a and b)	O	-Cl	-H	$-CH_3$
H262 (a and b)	O	-Cl	-H	$-CF_3$
H263 (a and b)	O	-Cl	-H	$-OCH_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
H264 (a and b)	O	-Cl	-H	$-OCH_2CH_3$
H265 (a and b)	O	-Cl	-H	$-OCF_3$
H266 (a and b)	O	-Cl	-H	*-tert*-butyl
H267 (a and b)	O	-Cl	-H	*-iso*-propyl
H268 (a and b)	O	-Cl	-H	$-OCF_3$
H269 (a and b)	O	-Cl	-H	*-tert*-butyl
H270 (a and b)	O	-Cl	-H	*-iso*-propyl
H271 (a and b)	O	$-CH_3$	-Cl	-H
H272 (a and b)	O	$-CH_3$	-Br	-H
H273 (a and b)	O	$-CH_3$	-F	-H
H274 (a and b)	O	$-CH_3$	$-CH_3$	-H
H275 (a and b)	O	$-CH_3$	$-CF_3$	-H
H276 (a and b)	O	$-CH_3$	$-OCH_3$	-H
H277 (a and b)	O	$-CH_3$	$-OCH_2CH_3$	-H
H278 (a and b)	O	$-CH_3$	$-OCF_3$	-H
H279 (a and b)	O	$-CH_3$	*-tert*-butyl	-H
H280 (a and b)	O	$-CH_3$	*-iso*-propyl	-H
H281 (a and b)	O	$-CH_3$	$-CH_3$	$-CH_3$
H282 (a and b)	O	$-CH_3$	-H	-H
H283 (a and b)	O	$-CH_3$	-H	-Cl
H284 (a and b)	O	$-CH_3$	-H	-Br
H285 (a and b)	O	$-CH_3$	-H	-F
H286 (a and b)	O	$-CH_3$	-H	$-CH_3$
H287 (a and b)	O	$-CH_3$	-H	$-CF_3$
H288 (a and b)	O	$-CH_3$	-H	$-OCH_3$
H289 (a and b)	O	$-CH_3$	-H	$-OCH_2CH_3$
H290 (a and b)	O	$-CH_3$	-H	$-OCF_3$
H291 (a and b)	O	$-CH_3$	-H	*-tert*-butyl
H292 (a and b)	O	$-CH_3$	-H	*-iso*-propyl
H293 (a and b)	O	$-CF_3$	-Cl	-H
H294 (a and b)	O	$-CF_3$	-Br	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
H295 (a and b)	O	$-CF_3$	-F	-H
H296 (a and b)	O	$-CF_3$	$-CH_3$	-H
H297 (a and b)	O	$-CF_3$	$-CF_3$	-H
H298 (a and b)	O	$-CF_3$	$-OCH_3$	-H
H299 (a and b)	O	$-CF_3$	$-OCH_2CH_3$	-H
H300 (a and b)	O	$-CF_3$	$-OCF_3$	-H
H301 (a and b)	O	$-CF_3$	*-tert*-butyl	-H
H302 (a and b)	O	$-CF_3$	*-iso*-propyl	-H
H303 (a and b)	O	$-CF_3$	$-CH_3$	$-CH_3$
H304 (a and b)	O	$-CF_3$	-H	-H
H305 (a and b)	O	$-CF_3$	-H	-Cl
H306 (a and b)	O	$-CF_3$	-H	-Br
H307 (a and b)	O	$-CF_3$	-H	-F
H308 (a and b)	O	$-CF_3$	-H	$-CH_3$
H309 (a and b)	O	$-CF_3$	-H	$-CF_3$
H310 (a and b)	O	$-CF_3$	-H	$-OCH_3$
H311 (a and b)	O	$-CF_3$	-H	$-OCH_2CH_3$
H312 (a and b)	O	$-CF_3$	-H	$-OCF_3$
H313 (a and b)	O	$-CF_3$	-H	*-tert*-butyl
H314 (a and b)	O	$-CF_3$	-H	*-iso*-propyl
H315 (a and b)	O	$-CHF_2$	-Cl	-H
H316 (a and b)	O	$-CHF_2$	-Br	-H
H317 (a and b)	O	$-CHF_2$	-F	-H
H318 (a and b)	O	$-CHF_2$	$-CH_3$	-H
H319 (a and b)	O	$-CHF_2$	$-CF_3$	-H
H320 (a and b)	O	$-CHF_2$	$-OCH_3$	-H
H321 (a and b)	O	$-CHF_2$	$-OCH_2CH_3$	-H
H322 (a and b)	O	$-CHF_2$	$-OCF_3$	-H
H323 (a and b)	O	$-CHF_2$	*-tert*-butyl	-H
H324 (a and b)	O	$-CHF_2$	*-iso*-propyl	-H
H325 (a and b)	O	$-CHF_2$	$-CH_3$	$-CH_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
H326 (a and b)	O	$-CHF_2$	-H	-H
H327 (a and b)	O	$-CHF_2$	-H	-Cl
H328 (a and b)	O	$-CHF_2$	-H	-Br
H329 (a and b)	O	$-CHF_2$	-H	-F
H330 (a and b)	O	$-CHF_2$	-H	$-CH_3$
H331 (a and b)	O	$-CHF_2$	-H	$-CF_3$
H332 (a and b)	O	$-CHF_2$	-H	$-OCH_3$
H333 (a and b)	O	$-CHF_2$	-H	$-OCH_2CH_3$
H334 (a and b)	O	$-CHF_2$	-H	$-OCF_3$
H335 (a and b)	O	$-CHF_2$	-H	*-tert*-butyl
H336 (a and b)	O	$-CHF_2$	-H	*-iso*-propyl
H337 (a and b)	O	-OH	-Cl	-H
H338 (a and b)	O	-OH	-Br	-H
H339 (a and b)	O	-OH	-F	-H
H340 (a and b)	O	-OH	$-CH_3$	-H
H341 (a and b)	O	-OH	$-CF_3$	-H
H342 (a and b)	O	-OH	$-OCH_3$	-H
H343 (a and b)	O	-OH	$-OCH_2CH_3$	-H
H344 (a and b)	O	-OH	$-OCF_3$	-H
H345 (a and b)	O	-OH	*-tert*-butyl	-H
H346 (a and b)	O	-OH	*-iso*-propyl	-H
H347 (a and b)	O	-OH	$-CH_3$	$-CH_3$
H348 (a and b)	O	-OH	-H	-H
H349 (a and b)	O	-OH	-H	-Cl
H350 (a and b)	O	-OH	-H	-Br
H351 (a and b)	O	-OH	-H	-F
H352 (a and b)	O	-OH	-H	$-CH_3$
H353 (a and b)	O	-OH	-H	$-CF_3$
H354 (a and b)	O	-OH	-H	$-OCH_3$
H355 (a and b)	O	-OH	-H	$-OCH_2CH_3$
H356 (a and b)	O	-OH	-H	$-OCF_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
H357 (a and b)	O	-OH	-H	-*tert*-butyl
H358 (a and b)	O	-OH	-H	-*iso*-propyl
H359 (a and b)	O	$-NO_2$	-Cl	-H
H360 (a and b)	O	$-NO_2$	-Br	-H
H361 (a and b)	O	$-NO_2$	-F	-H
H362 (a and b)	O	$-NO_2$	$-CH_3$	-H
H363 (a and b)	O	$-NO_2$	$-CF_3$	-H
H364 (a and b)	O	$-NO_2$	$-OCH_3$	-H
H365 (a and b)	O	$-NO_2$	$-OCH_2CH_3$	-H
H366 (a and b)	O	$-NO_2$	$-OCF_3$	-H
H367 (a and b)	O	$-NO_2$	-*tert*-butyl	-H
H368 (a and b)	O	$-NO_2$	-*iso*-propyl	-H
H369 (a and b)	O	$-NO_2$	$-CH_3$	$-CH_3$
H370 (a and b)	O	$-NO_2$	-H	-H
H371 (a and b)	O	$-NO_2$	-H	-Cl
H372 (a and b)	O	$-NO_2$	-H	-Br
H373 (a and b)	O	$-NO_2$	-H	-F
H374 (a and b)	O	$-NO_2$	-H	$-CH_3$
H375 (a and b)	O	$-NO_2$	-H	$-CF_3$
H376 (a and b)	O	$-NO_2$	-H	$-OCH_3$
H377 (a and b)	O	$-NO_2$	-H	$-OCH_2CH_3$
H378 (a and b)	O	$-NO_2$	-H	$-OCF_3$
H379 (a and b)	O	$-NO_2$	-H	-*tert*-butyl
H380 (a and b)	O	$-NO_2$	-H	-*iso*-propyl
H381 (a and b)	O	-CN	-Br	-H
H382 (a and b)	O	-CN	-Cl	-H
H383 (a and b)	O	-CN	-F	-H
H384 (a and b)	O	-CN	$-CH_3$	-H
H385 (a and b)	O	-CN	$-CF_3$	-H
H386 (a and b)	O	-CN	$-OCH_3$	-H
H387 (a and b)	O	-CN	$-OCH_2CH_3$	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
H388 (a and b)	O	-CN	$-OCF_3$	-H
H389 (a and b)	O	-CN	*-tert*-butyl	-H
H390 (a and b)	O	-CN	*-iso*-propyl	-H
H391 (a and b)	O	-CN	$-CH_3$	$-CH_3$
H392 (a and b)	O	-CN	-H	-H
H393 (a and b)	O	-CN	-H	-Cl
H394 (a and b)	O	-CN	-H	-Br
H395 (a and b)	O	-CN	-H	-F
H396 (a and b)	O	-CN	-H	$-CH_3$
H397 (a and b)	O	-CN	-H	$-CF_3$
H398 (a and b)	O	-CN	-H	$-OCH_3$
H399 (a and b)	O	-CN	-H	$-OCH_2CH_3$
H400 (a and b)	O	-CN	-H	$-OCF_3$
H401 (a and b)	O	-CN	-H	*-tert*-butyl
H402 (a and b)	O	-CN	-H	*-iso*-propyl
H403 (a and b)	O	-Br	-Br	-H
H404 (a and b)	O	-Br	-Cl	-H
H405 (a and b)	O	-Br	-F	-H
H406 (a and b)	O	-Br	$-CH_3$	-H
H407 (a and b)	O	-Br	$-CF_3$	-H
H408 (a and b)	O	-Br	$-OCH_3$	-H
H409 (a and b)	O	-Br	$-OCH_2CH_3$	-H
H410 (a and b)	O	-Br	$-OCF_3$	-H
H411 (a and b)	O	-Br	*-tert*-butyl	-H
H412 (a and b)	O	-Br	*-iso*-propyl	-H
H413 (a and b)	O	-Br	$-CH_3$	$-CH_3$
H414 (a and b)	O	-Br	-H	-H
H415 (a and b)	O	-Br	-H	-Cl
H416 (a and b)	O	-Br	-H	-Br
H417 (a and b)	O	-Br	-H	-F
H418 (a and b)	O	-Br	-H	$-CH_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
H419 (a and b)	O	-Br	-H	$-CF_3$
H420 (a and b)	O	-Br	-H	$-OCH_3$
H421 (a and b)	O	-Br	-H	$-OCH_2CH_3$
H422 (a and b)	O	-Br	-H	$-OCF_3$
H423 (a and b)	O	-Br	-H	-*tert*-butyl
H424 (a and b)	O	-Br	-H	-*iso*-propyl
H425 (a and b)	O	-I	-Cl	-H
H426 (a and b)	O	-I	-Br	-H
H427 (a and b)	O	-I	-F	-H
H428 (a and b)	O	-I	$-CH_3$	-H
H429 (a and b)	O	-I	$-CF_3$	-H
H430 (a and b)	O	-I	$-OCH_3$	-H
H431 (a and b)	O	-I	$-OCH_2CH_3$	-H
H432 (a and b)	O	-I	$-OCF_3$	-H
H433 (a and b)	O	-I	-*tert*-butyl	-H
H434 (a and b)	O	-I	-*iso*-propyl	-H
H435 (a and b)	O	-I	$-CH_3$	$-CH_3$
H436 (a and b)	O	-I	-H	-H
H437 (a and b)	O	-I	-H	-Cl
H438 (a and b)	O	-I	-H	-Br
H439 (a and b)	O	-I	-H	-F
H440 (a and b)	O	-I	-H	$-CH_3$
H441 (a and b)	O	-I	-H	$-CF_3$
H442 (a and b)	O	-I	-H	$-OCH_3$
H443 (a and b)	O	-I	-H	$-OCH_2CH_3$
H444 (a and b)	O	-I	-H	$-OCF_3$
H445 (a and b)	O	-I	-H	-*tert*-butyl
H446 (a and b)	O	-I	-H	-*iso*-propyl
H447 (a and b)	NH	-H	-Cl	-H
H448 (a and b)	NH	-H	-Br	-H
H449 (a and b)	NH	-H	-F	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
H450 (a and b)	NH	-H	$-CH_3$	-H
H451 (a and b)	NH	-H	$-CF_3$	-H
H452 (a and b)	NH	-H	$-OCH_3$	-H
H453 (a and b)	NH	-H	$-OCH_2CH_3$	-H
H454 (a and b)	NH	-H	$-OCF_3$	-H
H455 (a and b)	NH	-H	*-tert*-butyl	-H
H456 (a and b)	NH	-H	*-iso*-propyl	-H
H457 (a and b)	NH	-H	$-CH_3$	$-CH_3$
H458 (a and b)	NH	-H	-H	-H
H459 (a and b)	NH	-H	-H	-Cl
H460 (a and b)	NH	-H	-H	-Br
H461 (a and b)	NH	-H	-H	-F
H462 (a and b)	NH	-H	-H	$-CH_3$
H463 (a and b)	NH	-H	-H	$-CF_3$
H464 (a and b)	NH	-H	-H	$-OCH_3$
H465 (a and b)	NH	-H	-H	$-OCH_2CH_3$
H466 (a and b)	NH	-H	-H	$-OCF_3$
H467 (a and b)	NH	-H	-H	*-tert*-butyl
H468 (a and b)	NH	-H	-H	*-iso*-propyl
H469 (a and b)	NH	-Cl	-Cl	-H
H470 (a and b)	NH	-Cl	-Br	-H
H471 (a and b)	NH	-Cl	-F	-H
H472 (a and b)	NH	-Cl	$-CH_3$	-H
H473 (a and b)	NH	-Cl	$-CF_3$	-H
H474 (a and b)	NH	-Cl	$-OCH_3$	-H
H475 (a and b)	NH	-Cl	$-OCH_2CH_3$	-H
H476 (a and b)	NH	-Cl	$-OCF_3$	-H
H477 (a and b)	NH	-Cl	*-tert*-butyl	-H
H478 (a and b)	NH	-Cl	*-iso*-propyl	-H
H479 (a and b)	NH	-Cl	$-CH_3$	$-CH_3$
H480 (a and b)	NH	-Cl	-H	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
H481 (a and b)	NH	-Cl	-H	-Cl
H482 (a and b)	NH	-Cl	-H	-Br
H483 (a and b)	NH	-Cl	-H	-F
H484 (a and b)	NH	-Cl	-H	$-CH_3$
H485 (a and b)	NH	-Cl	-H	$-CF_3$
H486 (a and b)	NH	-Cl	-H	$-OCH_3$
H487 (a and b)	NH	-Cl	-H	$-OCH_2CH_3$
H488 (a and b)	NH	-Cl	-H	$-OCF_3$
H489 (a and b)	NH	-Cl	-H	-*tert*-butyl
H490 (a and b)	NH	-Cl	-H	-*iso*-propyl
H491 (a and b)	NH	-Cl	-H	$-OCF_3$
H492 (a and b)	NH	-Cl	-H	-*tert*-butyl
H493 (a and b)	NH	-Cl	-H	-*iso*-propyl
H494 (a and b)	NH	$-CH_3$	-Cl	-H
H495 (a and b)	NH	$-CH_3$	-Br	-H
H496 (a and b)	NH	$-CH_3$	-F	-H
H497 (a and b)	NH	$-CH_3$	$-CH_3$	-H
H498 (a and b)	NH	$-CH_3$	$-CF_3$	-H
H499 (a and b)	NH	$-CH_3$	$-OCH_3$	-H
H500 (a and b)	NH	$-CH_3$	$-OCH_2CH_3$	-H
H501 (a and b)	NH	$-CH_3$	$-OCF_3$	-H
H502 (a and b)	NH	$-CH_3$	-*tert*-butyl	-H
H503 (a and b)	NH	$-CH_3$	-*iso*-propyl	-H
H504 (a and b)	NH	$-CH_3$	$-CH_3$	$-CH_3$
H505 (a and b)	NH	$-CH_3$	-H	-H
H506 (a and b)	NH	$-CH_3$	-H	-Cl
H507 (a and b)	NH	$-CH_3$	-H	-Br
H508 (a and b)	NH	$-CH_3$	-H	-F
H509 (a and b)	NH	$-CH_3$	-H	$-CH_3$
H510 (a and b)	NH	$-CH_3$	-H	$-CF_3$
H511 (a and b)	NH	$-CH_3$	-H	$-OCH_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
H512 (a and b)	NH	$-CH_3$	-H	$-OCH_2CH_3$
H513 (a and b)	NH	$-CH_3$	-H	$-OCF_3$
H514 (a and b)	NH	$-CH_3$	-H	-*tert*-butyl
H515 (a and b)	NH	$-CH_3$	-H	-*iso*-propyl
H516 (a and b)	NH	$-CF_3$	-Cl	-H
H517 (a and b)	NH	$-CF_3$	-Br	-H
H518 (a and b)	NH	$-CF_3$	-F	-H
H519 (a and b)	NH	$-CF_3$	$-CH_3$	-H
H520 (a and b)	NH	$-CF_3$	$-CF_3$	-H
H521 (a and b)	NH	$-CF_3$	$-OCH_3$	-H
H522 (a and b)	NH	$-CF_3$	$-OCH_2CH_3$	-H
H523 (a and b)	NH	$-CF_3$	$-OCF_3$	-H
H524 (a and b)	NH	$-CF_3$	-*tert*-butyl	-H
H525 (a and b)	NH	$-CF_3$	-*iso*-propyl	-H
H526 (a and b)	NH	$-CF_3$	$-CH_3$	$-CH_3$
H527 (a and b)	NH	$-CF_3$	-H	-H
H528 (a and b)	NH	$-CF_3$	-H	-Cl
H529 (a and b)	NH	$-CF_3$	-H	-Br
H530 (a and b)	NH	$-CF_3$	-H	-F
H531 (a and b)	NH	$-CF_3$	-H	$-CH_3$
H532 (a and b)	NH	$-CF_3$	-H	$-CF_3$
H533 (a and b)	NH	$-CF_3$	-H	$-OCH_3$
H534 (a and b)	NH	$-CF_3$	-H	$-OCH_2CH_3$
H535 (a and b)	NH	$-CF_3$	-H	$-OCF_3$
H536 (a and b)	NH	$-CF_3$	-H	-*tert*-butyl
H537 (a and b)	NH	$-CF_3$	-H	-*iso*-propyl
H538 (a and b)	NH	$-CHF_2$	-Cl	-H
H539 (a and b)	NH	$-CHF_2$	-Br	-H
H540 (a and b)	NH	$-CHF_2$	-F	-H
H541 (a and b)	NH	$-CHF_2$	$-CH_3$	-H
H542 (a and b)	NH	$-CHF_2$	$-CF_3$	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
H543 (a and b)	NH	$-CHF_2$	$-OCH_3$	-H
H544 (a and b)	NH	$-CHF_2$	$-OCH_2CH_3$	-H
H545 (a and b)	NH	$-CHF_2$	$-OCF_3$	-H
H546 (a and b)	NH	$-CHF_2$	-*tert*-butyl	-H
H547 (a and b)	NH	$-CHF_2$	-*iso*-propyl	-H
H548 (a and b)	NH	$-CHF_2$	$-CH_3$	$-CH_3$
H549 (a and b)	NH	$-CHF_2$	-H	-H
H550 (a and b)	NH	$-CHF_2$	-H	-Cl
H551 (a and b)	NH	$-CHF_2$	-H	-Br
H552 (a and b)	NH	$-CHF_2$	-H	-F
H553 (a and b)	NH	$-CHF_2$	-H	$-CH_3$
H554 (a and b)	NH	$-CHF_2$	-H	$-CF_3$
H555 (a and b)	NH	$-CHF_2$	-H	$-OCH_3$
H556 (a and b)	NH	$-CHF_2$	-H	$-OCH_2CH_3$
H557 (a and b)	NH	$-CHF_2$	-H	$-OCF_3$
H558 (a and b)	NH	$-CHF_2$	-H	-*tert*-butyl
H559 (a and b)	NH	$-CHF_2$	-H	-*iso*-propyl
H560 (a and b)	NH	-OH	-Cl	-H
H561 (a and b)	NH	-OH	-Br	-H
H562 (a and b)	NH	-OH	-F	-H
H563 (a and b)	NH	-OH	$-CH_3$	-H
H564 (a and b)	NH	-OH	$-CF_3$	-H
H565 (a and b)	NH	-OH	$-OCH_3$	-H
H566 (a and b)	NH	-OH	$-OCH_2CH_3$	-H
H567 (a and b)	NH	-OH	$-OCF_3$	-H
H568 (a and b)	NH	-OH	-*tert*-butyl	-H
H569 (a and b)	NH	-OH	-*iso*-propyl	-H
H570 (a and b)	NH	-OH	$-CH_3$	$-CH_3$
H571 (a and b)	NH	-OH	-H	-H
H572 (a and b)	NH	-OH	-H	-Cl
H573 (a and b)	NH	-OH	-H	-Br

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
H574 (a and b)	NH	-OH	-H	-F
H575 (a and b)	NH	-OH	-H	$-CH_3$
H576 (a and b)	NH	-OH	-H	$-CF_3$
H577 (a and b)	NH	-OH	-H	$-OCH_3$
H578 (a and b)	NH	-OH	-H	$-OCH_2CH_3$
H579 (a and b)	NH	-OH	-H	$-OCF_3$
H580 (a and b)	NH	-OH	-H	*-tert*-butyl
H581 (a and b)	NH	-OH	-H	*-iso*-propyl
H582 (a and b)	NH	$-NO_2$	-Cl	-H
H583 (a and b)	NH	$-NO_2$	-Br	-H
H584 (a and b)	NH	$-NO_2$	-F	-H
H585 (a and b)	NH	$-NO_2$	$-CH_3$	-H
H586 (a and b)	NH	$-NO_2$	$-CF_3$	-H
H587 (a and b)	NH	$-NO_2$	$-OCH_3$	-H
H588 (a and b)	NH	$-NO_2$	$-OCH_2CH_3$	-H
H589 (a and b)	NH	$-NO_2$	$-OCF_3$	-H
H590 (a and b)	NH	$-NO_2$	*-tert*-butyl	-H
H591 (a and b)	NH	$-NO_2$	*-iso*-propyl	-H
H592 (a and b)	NH	$-NO_2$	$-CH_3$	$-CH_3$
H593 (a and b)	NH	$-NO_2$	-H	-H
H594 (a and b)	NH	$-NO_2$	-H	-Cl
H595 (a and b)	NH	$-NO_2$	-H	-Br
H596 (a and b)	NH	$-NO_2$	-H	-F
H597 (a and b)	NH	$-NO_2$	-H	$-CH_3$
H598 (a and b)	NH	$-NO_2$	-H	$-CF_3$
H599 (a and b)	NH	$-NO_2$	-H	$-OCH_3$
H600 (a and b)	NH	$-NO_2$	-H	$-OCH_2CH_3$
H601 (a and b)	NH	$-NO_2$	-H	$-OCF_3$
H602 (a and b)	NH	$-NO_2$	-H	*-tert*-butyl
H603 (a and b)	NH	$-NO_2$	-H	*-iso*-propyl
H604 (a and b)	NH	-CN	-Br	-H

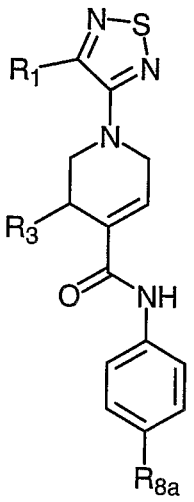
Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
H605 (a and b)	NH	-CN	-Cl	-H
H606 (a and b)	NH	-CN	-F	-H
H607 (a and b)	NH	-CN	$-CH_3$	-H
H608 (a and b)	NH	-CN	$-CF_3$	-H
H609 (a and b)	NH	-CN	$-OCH_3$	-H
H610 (a and b)	NH	-CN	$-OCH_2CH_3$	-H
H611 (a and b)	NH	-CN	$-OCF_3$	-H
H612 (a and b)	NH	-CN	*-tert*-butyl	-H
H613 (a and b)	NH	-CN	*-iso*-propyl	-H
H614 (a and b)	NH	-CN	$-CH_3$	$-CH_3$
H615 (a and b)	NH	-CN	-H	-H
H616 (a and b)	NH	-CN	-H	-Cl
H617 (a and b)	NH	-CN	-H	-Br
H618 (a and b)	NH	-CN	-H	-F
H619 (a and b)	NH	-CN	-H	$-CH_3$
H620 (a and b)	NH	-CN	-H	$-CF_3$
H621 (a and b)	NH	-CN	-H	$-OCH_3$
H622 (a and b)	NH	-CN	-H	$-OCH_2CH_3$
H623 (a and b)	NH	-CN	-H	$-OCF_3$
H624 (a and b)	NH	-CN	-H	*-tert*-butyl
H625 (a and b)	NH	-CN	-H	*-iso*-propyl
H626 (a and b)	NH	-Br	-Br	-H
H627 (a and b)	NH	-Br	-Cl	-H
H628 (a and b)	NH	-Br	-F	-H
H629 (a and b)	NH	-Br	$-CH_3$	-H
H630 (a and b)	NH	-Br	$-CF_3$	-H
H631 (a and b)	NH	-Br	$-OCH_3$	-H
H632 (a and b)	NH	-Br	$-OCH_2CH_3$	-H
H633 (a and b)	NH	-Br	$-OCF_3$	-H
H634 (a and b)	NH	-Br	*-tert*-butyl	-H
H635 (a and b)	NH	-Br	*-iso*-propyl	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
H636 (a and b)	NH	-Br	$-CH_3$	$-CH_3$
H637 (a and b)	NH	-Br	-H	-H
H638 (a and b)	NH	-Br	-H	-Cl
H639 (a and b)	NH	-Br	-H	-Br
H640 (a and b)	NH	-Br	-H	-F
H641 (a and b)	NH	-Br	-H	$-CH_3$
H642 (a and b)	NH	-Br	-H	$-CF_3$
H643 (a and b)	NH	-Br	-H	$-OCH_3$
H644 (a and b)	NH	-Br	-H	$-OCH_2CH_3$
H645 (a and b)	NH	-Br	-H	$-OCF_3$
H646 (a and b)	NH	-Br	-H	*-tert*-butyl
H647 (a and b)	NH	-Br	-H	*-iso*-propyl
H648 (a and b)	NH	-I	-Cl	-H
H649 (a and b)	NH	-I	-Br	-H
H650 (a and b)	NH	-I	-F	-H
H651 (a and b)	NH	-I	$-CH_3$	-H
H652 (a and b)	NH	-I	$-CF_3$	-H
H653 (a and b)	NH	-I	$-OCH_3$	-H
H654 (a and b)	NH	-I	$-OCH_2CH_3$	-H
H655 (a and b)	NH	-I	$-OCF_3$	-H
H656 (a and b)	NH	-I	*-tert*-butyl	-H
H657 (a and b)	NH	-I	*-iso*-propyl	-H
H658 (a and b)	NH	-I	$-CH_3$	$-CH_3$
H659 (a and b)	NH	-I	-H	-H
H660 (a and b)	NH	-I	-H	-Cl
H661 (a and b)	NH	-I	-H	-Br
H662 (a and b)	NH	-I	-H	-F
H663 (a and b)	NH	-I	-H	$-CH_3$
H664 (a and b)	NH	-I	-H	$-CF_3$
H665 (a and b)	NH	-I	-H	$-OCH_3$
H666 (a and b)	NH	-I	-H	$-OCH_2CH_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
H667 (a and b)	NH	-I	-H	$-OCF_3$
H668 (a and b)	NH	-I	-H	*-tert*-butyl
H669 (a and b)	NH	-I	-H	*-iso*-propyl

(a) means that R_3 is -H.
(b) means that R_3 is $-CH_3$.

Table 9



(Ii)

and pharmaceutically acceptable salts thereof, wherein:

5

Compound	R_1	R_{8a}
I01 (a and b)	-H	-H
I02 (a and b)	-H	-*tert*-butyl
I03 (a and b)	-H	-*iso*-butyl
I04 (a and b)	-H	-*sec*-butyl
I05 (a and b)	-H	-*iso*-propyl
I06 (a and b)	-H	-n-propyl
I07 (a and b)	-H	-cyclohexyl
I08 (a and b)	-H	-*tert*-butoxy
I09 (a and b)	-H	-isopropoxy
I10 (a and b)	-H	$-CF_3$
I11 (a and b)	-H	$-CH_2CF_3$
I12 (a and b)	-H	$-OCF_3$
I13 (a and b)	-H	-Cl
I14 (a and b)	-H	-Br
I15 (a and b)	-H	-I
I16 (a and b)	-H	-n-butyl

Compound	R_1	R_{8a}
I17 (a and b)	-H	$-CH_3$
I18 (a and b)	-H	$-SCF_3$
I19 (a and b)	-H	$-N(CH_2CH_3)_2$
I20 (a and b)	-H	$-OCF_2CHF_2$
I21 (a and b)	-H	$-C(OH)(CF_3)_2$
I22 (a and b)	-H	-(1,1-dimethyl-pentyl)
I23 (a and b)	-H	-(1,1-dimethyl-acetic acid) ethyl ester
I24 (a and b)	-H	-*N*-piperidinyl
I25 (a and b)	-Cl	-H
I26 (a and b)	-Cl	-*tert*-butyl
I27 (a and b)	-Cl	-*iso*-butyl
I28 (a and b)	-Cl	-*sec*-butyl
I29 (a and b)	-Cl	-*iso*-propyl
I30 (a and b)	-Cl	-n-propyl
I31 (a and b)	-Cl	-cyclohexyl
I32 (a and b)	-Cl	-*tert*-butoxy
I33 (a and b)	-Cl	-isopropoxy
I34 (a and b)	-Cl	$-CF_3$
I35 (a and b)	-Cl	$-CH_2CF_3$
I36 (a and b)	-Cl	$-OCF_3$
I37 (a and b)	-Cl	-Cl
I38 (a and b)	-Cl	-Br
I39 (a and b)	-Cl	-I
I40 (a and b)	-Cl	-n-butyl
I41 (a and b)	-Cl	$-CH_3$
I42 (a and b)	-Cl	$-SCF_3$
I43 (a and b)	-Cl	$-N(CH_2CH_3)_2$
I44 (a and b)	-Cl	$-OCF_2CHF_2$
I45 (a and b)	-Cl	$-C(OH)(CF_3)_2$
I46 (a and b)	-Cl	-(1,1-dimethyl-pentyl)

Compound	R_1	R_{8a}
I47 (a and b)	-Cl	-(1,1-dimethyl-acetic acid) ethyl ester
I48 (a and b)	-Cl	-*N*-piperidinyl
I49 (a and b)	-F	-H
I50 (a and b)	-F	-*tert*-butyl
I51 (a and b)	-F	-*iso*-butyl
I52 (a and b)	-F	-*sec*-butyl
I53 (a and b)	-F	-*iso*-propyl
I54 (a and b)	-F	-n-propyl
I55 (a and b)	-F	-cyclohexyl
I56 (a and b)	-F	-*tert*-butoxy
I57 (a and b)	-F	-isopropoxy
I58 (a and b)	-F	$-CF_3$
I59 (a and b)	-F	$-CH_2CF_3$
I60 (a and b)	-F	$-OCF_3$
I61 (a and b)	-F	-Cl
I62 (a and b)	-F	-Br
I63 (a and b)	-F	-I
I64 (a and b)	-F	-n-butyl
I65 (a and b)	-F	$-CH_3$
I66 (a and b)	-F	$-SCF_3$
I67 (a and b)	-F	$-N(CH_2CH_3)_2$
I68 (a and b)	-F	$-OCF_2CHF_2$
I69 (a and b)	-F	$-C(OH)(CF_3)_2$
I70 (a and b)	-F	-(1,1-dimethyl-pentyl)
I71 (a and b)	-F	-(1,1-dimethyl-acetic acid) ethyl ester
I72 (a and b)	-F	-*N*-piperidinyl
I73 (a and b)	$-CH_3$	-H
I74 (a and b)	$-CH_3$	-*iso*-butyl
I75 (a and b)	$-CH_3$	-*tert*-butyl
I76 (a and b)	$-CH_3$	-*sec*-butyl

Compound	R_1	R_{8a}
I77 (a and b)	$-CH_3$	-*iso*-propyl
I78 (a and b)	$-CH_3$	-n-propyl
I79 (a and b)	$-CH_3$	-cyclohexyl
I80 (a and b)	$-CH_3$	-*tert*-butoxy
I81 (a and b)	$-CH_3$	-isopropoxy
I82 (a and b)	$-CH_3$	$-CF_3$
I83 (a and b)	$-CH_3$	$-CH_2CF_3$
I84 (a and b)	$-CH_3$	$-OCF_3$
I85 (a and b)	$-CH_3$	-Cl
I86 (a and b)	$-CH_3$	-Br
I87 (a and b)	$-CH_3$	-I
I88 (a and b)	$-CH_3$	-n-butyl
I89 (a and b)	$-CH_3$	$-CH_3$
I90 (a and b)	$-CH_3$	$-SCF_3$
I91 (a and b)	$-CH_3$	$-N(CH_2CH_3)_2$
I92 (a and b)	$-CH_3$	$-OCF_2CHF_2$
I93 (a and b)	$-CH_3$	$-C(OH)(CF_3)_2$
I94 (a and b)	$-CH_3$	-(1,1-dimethyl-pentyl)
I95 (a and b)	$-CH_3$	-(1,1-dimethyl-acetic acid) ethyl ester
I96 (a and b)	$-CH_3$	-*N*-piperidinyl
I97 (a and b)	$-CF_3$	-H
I98 (a and b)	$-CF_3$	-*tert*-butyl
I99 (a and b)	$-CF_3$	-*iso*-butyl
I100 (a and b)	$-CF_3$	-*sec*-butyl
I101 (a and b)	$-CF_3$	-*iso*-propyl
I102 (a and b)	$-CF_3$	-n-propyl
I103 (a and b)	$-CF_3$	-cyclohexyl
I104 (a and b)	$-CF_3$	-*tert*-butoxy
I105 (a and b)	$-CF_3$	-isopropoxy
I106 (a and b)	$-CF_3$	$-CF_3$

Compound	R_1	R_{8a}
I107 (a and b)	$-CF_3$	$-CH_2CF_3$
I108 (a and b)	$-CF_3$	$-OCF_3$
I109 (a and b)	$-CF_3$	-Cl
I110 (a and b)	$-CF_3$	-Br
I111 (a and b)	$-CF_3$	-I
I112 (a and b)	$-CF_3$	-n-butyl
I113 (a and b)	$-CF_3$	$-CH_3$
I114 (a and b)	$-CF_3$	$-SCF_3$
I115 (a and b)	$-CF_3$	$-N(CH_2CH_3)_2$
I116 (a and b)	$-CF_3$	$-OCF_2CHF_2$
I117 (a and b)	$-CF_3$	$-C(OH)(CF_3)_2$
I118 (a and b)	$-CF_3$	-(1,1-dimethyl-pentyl)
I119 (a and b)	$-CF_3$	-(1,1-dimethyl-acetic acid) ethyl ester
I120 (a and b)	$-CF_3$	-*N*-piperidinyl
I121 (a and b)	$-CHF_2$	-*tert*-butyl
I122 (a and b)	$-CHF_2$	-H
I123 (a and b)	$-CHF_2$	-*iso*-butyl
I124 (a and b)	$-CHF_2$	-*sec*-butyl
I125 (a and b)	$-CHF_2$	-*iso*-propyl
I126 (a and b)	$-CHF_2$	-n-propyl
I127 (a and b)	$-CHF_2$	-cyclohexyl
I128 (a and b)	$-CHF_2$	-*tert*-butoxy
I129 (a and b)	$-CHF_2$	-isopropoxy
I130 (a and b)	$-CHF_2$	$-CF_3$
I131 (a and b)	$-CHF_2$	$-CH_2CF_3$
I132 (a and b)	$-CHF_2$	$-OCF_3$
I133 (a and b)	$-CHF_2$	-Cl
I134 (a and b)	$-CHF_2$	-Br
I135 (a and b)	$-CHF_2$	-I
I136 (a and b)	$-CHF_2$	-n-butyl

Compound	R_1	R_{8a}
I137 (a and b)	$-CHF_2$	$-CH_3$
I138 (a and b)	$-CHF_2$	$-SCF_3$
I139 (a and b)	$-CHF_2$	$-N(CH_2CH_3)_2$
I140 (a and b)	$-CHF_2$	$-OCF_2CHF_2$
I141 (a and b)	$-CHF_2$	$-C(OH)(CF_3)_2$
I142 (a and b)	$-CHF_2$	-(1,1-dimethyl-pentyl)
I143 (a and b)	$-CHF_2$	-(1,1-dimethyl-acetic acid) ethyl ester
I144 (a and b)	$-CHF_2$	-*N*-piperidinyl
I145 (a and b)	-OH	-H
I146 (a and b)	-OH	-*tert*-butyl
I147 (a and b)	-OH	-*iso*-butyl
I148 (a and b)	-OH	-*sec*-butyl
I149 (a and b)	-OH	-*iso*-propyl
I150 (a and b)	-OH	-n-propyl
I151 (a and b)	-OH	-cyclohexyl
I152 (a and b)	-OH	-*tert*-butoxy
I153 (a and b)	-OH	-isopropoxy
I154 (a and b)	-OH	$-CF_3$
I155 (a and b)	-OH	$-CH_2CF_3$
I156 (a and b)	-OH	$-OCF_3$
I157 (a and b)	-OH	-Cl
I158 (a and b)	-OH	-Br
I159 (a and b)	-OH	-I
I160 (a and b)	-OH	-n-butyl
I161 (a and b)	-OH	$-CH_3$
I162 (a and b)	-OH	$-SCF_3$
I163 (a and b)	-OH	$-N(CH_2CH_3)_2$
I164 (a and b)	-OH	$-OCF_2CHF_2$
I165 (a and b)	-OH	$-C(OH)(CF_3)_2$
I166 (a and b)	-OH	-(1,1-dimethyl-pentyl)

Compound	R_1	R_{8a}
I167 (a and b)	-OH	-(1,1-dimethyl-acetic acid) ethyl ester
I168 (a and b)	-OH	-*N*-piperidinyl
I169 (a and b)	$-NO_2$	-H
I170 (a and b)	$-NO_2$	-*tert*-butyl
I171 (a and b)	$-NO_2$	-*iso*-butyl
I172 (a and b)	$-NO_2$	-*sec*-butyl
I173 (a and b)	$-NO_2$	-*iso*-propyl
I174 (a and b)	$-NO_2$	-n-propyl
I175 (a and b)	$-NO_2$	-cyclohexyl
I176 (a and b)	$-NO_2$	-*tert*-butoxy
I177 (a and b)	$-NO_2$	-isopropoxy
I178 (a and b)	$-NO_2$	$-CF_3$
I179 (a and b)	$-NO_2$	$-CH_2CF_3$
I180 (a and b)	$-NO_2$	$-OCF_3$
I181 (a and b)	$-NO_2$	-Cl
I182 (a and b)	$-NO_2$	-Br
I183 (a and b)	$-NO_2$	-I
I184 (a and b)	$-NO_2$	-n-butyl
I185 (a and b)	$-NO_2$	$-CH_3$
I186 (a and b)	$-NO_2$	$-SCF_3$
I187 (a and b)	$-NO_2$	$-N(CH_2CH_3)_2$
I188 (a and b)	$-NO_2$	$-OCF_2CHF_2$
I189 (a and b)	$-NO_2$	$-C(OH)(CF_3)_2$
I190 (a and b)	$-NO_2$	-(1,1-dimethyl-pentyl)
I191 (a and b)	$-NO_2$	-(1,1-dimethyl-acetic acid) ethyl ester
I192 (a and b)	$-NO_2$	-*N*-piperidinyl
I193 (a and b)	-CN	-H
I194 (a and b)	-CN	-*tert*-butyl
I195 (a and b)	-CN	-*iso*-butyl
I196 (a and b)	-CN	-*sec*-butyl

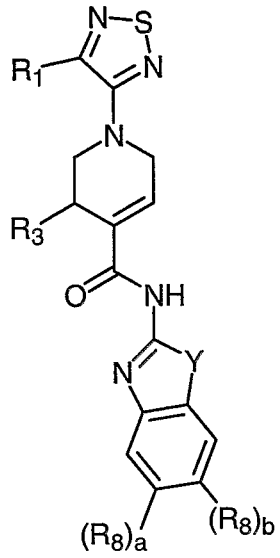
Compound	R_1	R_{8a}
I197 (a and b)	-CN	-*iso*-propyl
I198 (a and b)	-CN	-n-propyl
I199 (a and b)	-CN	-cyclohexyl
I200 (a and b)	-CN	-*tert*-butoxy
I201 (a and b)	-CN	-isopropoxy
I202 (a and b)	-CN	$-CF_3$
I203 (a and b)	-CN	$-CH_2CF_3$
I204 (a and b)	-CN	$-OCF_3$
I205 (a and b)	-CN	-Cl
I206 (a and b)	-CN	-Br
I207 (a and b)	-CN	-I
I208 (a and b)	-CN	-n-butyl
I209 (a and b)	-CN	$-CH_3$
I210 (a and b)	-CN	$-SCF_3$
I211 (a and b)	-CN	$-N(CH_2CH_3)_2$
I212 (a and b)	-CN	$-OCF_2CHF_2$
I213 (a and b)	-CN	$-C(OH)(CF_3)_2$
I214 (a and b)	-CN	-(1,1-dimethyl-pentyl)
I215 (a and b)	-CN	-(1,1-dimethyl-acetic acid) ethyl ester
I216 (a and b)	-CN	-*N*-piperidinyl
I217 (a and b)	-Br	-H
I218 (a and b)	-Br	-*tert*-butyl
I219 (a and b)	-Br	-*iso*-butyl
I220 (a and b)	-Br	-*sec*-butyl
I221 (a and b)	-Br	-*iso*-propyl
I222 (a and b)	-Br	-n-propyl
I223 (a and b)	-Br	-cyclohexyl
I224 (a and b)	-Br	-*tert*-butoxy
I225 (a and b)	-Br	-isopropoxy
I226 (a and b)	-Br	$-CF_3$

Compound	R_1	R_{8a}
I227 (a and b)	-Br	$-CH_2CF_3$
I228 (a and b)	-Br	$-OCF_3$
I229 (a and b)	-Br	-Cl
I230 (a and b)	-Br	-Br
I231 (a and b)	-Br	-I
I232 (a and b)	-Br	-n-butyl
I233 (a and b)	-Br	$-CH_3$
I234 (a and b)	-Br	$-SCF_3$
I235 (a and b)	-Br	$-N(CH_2CH_3)_2$
I236 (a and b)	-Br	$-OCF_2CHF_2$
I237 (a and b)	-Br	$-C(OH)(CF_3)_2$
I238 (a and b)	-Br	-(1,1-dimethyl-pentyl)
I239 (a and b)	-Br	-(1,1-dimethyl-acetic acid) ethyl ester
I240 (a and b)	-Br	-*N*-piperidinyl
I241 (a and b)	-I	-*tert*-butyl
I242 (a and b)	-I	-H
I243 (a and b)	-I	-*iso*-butyl
I244 (a and b)	-I	-*sec*-butyl
I245 (a and b)	-I	-*iso*-propyl
I246 (a and b)	-I	-n-propyl
I247 (a and b)	-I	-cyclohexyl
I248 (a and b)	-I	-*tert*-butoxy
I249 (a and b)	-I	-isopropoxy
I250 (a and b)	-I	$-CF_3$
I251 (a and b)	-I	$-CH_2CF_3$
I252 (a and b)	-I	$-OCF_3$
I253 (a and b)	-I	-Cl
I254 (a and b)	-I	-Br
I255 (a and b)	-I	-I
I256 (a and b)	-I	-n-butyl

Compound	R_1	R_{8a}
I257 (a and b)	-I	$-CH_3$
I258 (a and b)	-I	$-SCF_3$
I259 (a and b)	-I	$-N(CH_2CH_3)_2$
I260 (a and b)	-I	$-OCF_2CHF_2$
I261 (a and b)	-I	$-C(OH)(CF_3)_2$
I262 (a and b)	-I	-(1,1-dimethyl-pentyl)
I263 (a and b)	-I	-(1,1-dimethyl-acetic acid) ethyl ester
I264 (a and b)	-I	-*N*-piperidinyl

(a) means that R_3 is -H.
(b) means that R_3 is $-CH_3$.

Table 10



(Ij)

and pharmaceutically acceptable salts thereof, wherein:

5

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
J1 (a and b)	S	-H	-Cl	-H
J2 (a and b)	S	-H	-Br	-H
J3 (a and b)	S	-H	-F	-H
J4 (a and b)	S	-H	$-CH_3$	-H
J5 (a and b)	S	-H	$-CF_3$	-H
J6 (a and b)	S	-H	$-OCH_3$	-H
J7 (a and b)	S	-H	$-OCH_2CH_3$	-H
J8 (a and b)	S	-H	$-OCF_3$	-H
J9 (a and b)	S	-H	*-tert*-butyl	-H
J10 (a and b)	S	-H	*-iso*-propyl	-H
J11 (a and b)	S	-H	$-CH_3$	$-CH_3$
J12 (a and b)	S	-H	-H	-H
J13 (a and b)	S	-H	-H	-Cl
J14 (a and b)	S	-H	-H	-Br
J15 (a and b)	S	-H	-H	-F

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
J16 (a and b)	S	-H	-H	$-CH_3$
J17 (a and b)	S	-H	-H	$-CF_3$
J18 (a and b)	S	-H	-H	$-OCH_3$
J19 (a and b)	S	-H	-H	$-OCH_2CH_3$
J20 (a and b)	S	-H	-H	$-OCF_3$
J21 (a and b)	S	-H	-H	*-tert*-butyl
J22 (a and b)	S	-H	-H	*-iso*-propyl
J23 (a and b)	S	-Cl	-Cl	-H
J24 (a and b)	S	-Cl	-Br	-H
J25 (a and b)	S	-Cl	-F	-H
J26 (a and b)	S	-Cl	$-CH_3$	-H
J27 (a and b)	S	-Cl	$-CF_3$	-H
J28 (a and b)	S	-Cl	$-OCH_3$	-H
J29 (a and b)	S	-Cl	$-OCH_2CH_3$	-H
J30 (a and b)	S	-Cl	$-OCF_3$	-H
J31 (a and b)	S	-Cl	*-tert*-butyl	-H
J32 (a and b)	S	-Cl	*-iso*-propyl	-H
J33 (a and b)	S	-Cl	$-CH_3$	$-CH_3$
J34 (a and b)	S	-Cl	-H	-H
J35 (a and b)	S	-Cl	-H	-Cl
J36 (a and b)	S	-Cl	-H	-Br
J37 (a and b)	S	-Cl	-H	-F
J38 (a and b)	S	-Cl	-H	$-CH_3$
J39 (a and b)	S	-Cl	-H	$-CF_3$
J40 (a and b)	S	-Cl	-H	$-OCH_3$
J41 (a and b)	S	-Cl	-H	$-OCH_2CH_3$
J42 (a and b)	S	-Cl	-H	$-OCF_3$
J43 (a and b)	S	-Cl	-H	*-tert*-butyl
J44 (a and b)	S	-Cl	-H	*-iso*-propyl
J45 (a and b)	S	-Cl	-H	$-OCF_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
J46 (a and b)	S	-Cl	-H	-*tert*-butyl
J47 (a and b)	S	-Cl	-H	-*iso*-propyl
J48 (a and b)	S	$-CH_3$	-Cl	-H
J49 (a and b)	S	$-CH_3$	-Br	-H
J50 (a and b)	S	$-CH_3$	-F	-H
J51 (a and b)	S	$-CH_3$	$-CH_3$	-H
J52 (a and b)	S	$-CH_3$	$-CF_3$	-H
J53 (a and b)	S	$-CH_3$	$-OCH_3$	-H
J54 (a and b)	S	$-CH_3$	$-OCH_2CH_3$	-H
J55 (a and b)	S	$-CH_3$	$-OCF_3$	-H
J56 (a and b)	S	$-CH_3$	-*tert*-butyl	-H
J57 (a and b)	S	$-CH_3$	-*iso*-propyl	-H
J58 (a and b)	S	$-CH_3$	$-CH_3$	$-CH_3$
J59 (a and b)	S	$-CH_3$	-H	-H
J60 (a and b)	S	$-CH_3$	-H	-Cl
J61 (a and b)	S	$-CH_3$	-H	-Br
J62 (a and b)	S	$-CH_3$	-H	-F
J63 (a and b)	S	$-CH_3$	-H	$-CH_3$
J64 (a and b)	S	$-CH_3$	-H	$-CF_3$
J65 (a and b)	S	$-CH_3$	-H	$-OCH_3$
J66 (a and b)	S	$-CH_3$	-H	$-OCH_2CH_3$
J67 (a and b)	S	$-CH_3$	-H	$-OCF_3$
J68 (a and b)	S	$-CH_3$	-H	-*tert*-butyl
J69 (a and b)	S	$-CH_3$	-H	-*iso*-propyl
J70 (a and b)	S	$-CF_3$	-Cl	-H
J71 (a and b)	S	$-CF_3$	-Br	-H
J72 (a and b)	S	$-CF_3$	-F	-H
J73 (a and b)	S	$-CF_3$	$-CH_3$	-H
J74 (a and b)	S	$-CF_3$	$-CF_3$	-H
J75 (a and b)	S	$-CF_3$	$-OCH_3$	-H
J76 (a and b)	S	$-CF_3$	$-OCH_2CH_3$	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
J77 (a and b)	S	$-CF_3$	$-OCF_3$	-H
J78 (a and b)	S	$-CF_3$	*-tert*-butyl	-H
J79 (a and b)	S	$-CF_3$	*-iso*-propyl	-H
J80 (a and b)	S	$-CF_3$	$-CH_3$	$-CH_3$
J81 (a and b)	S	$-CF_3$	-H	-H
J82 (a and b)	S	$-CF_3$	-H	-Cl
J83 (a and b)	S	$-CF_3$	-H	-Br
J84 (a and b)	S	$-CF_3$	-H	-F
J85 (a and b)	S	$-CF_3$	-H	$-CH_3$
J86 (a and b)	S	$-CF_3$	-H	$-CF_3$
J87 (a and b)	S	$-CF_3$	-H	$-OCH_3$
J88 (a and b)	S	$-CF_3$	-H	$-OCH_2CH_3$
J89 (a and b)	S	$-CF_3$	-H	$-OCF_3$
J90 (a and b)	S	$-CF_3$	-H	*-tert*-butyl
J91 (a and b)	S	$-CF_3$	-H	*-iso*-propyl
J92 (a and b)	S	$-CHF_2$	-Cl	-H
J93 (a and b)	S	$-CHF_2$	-Br	-H
J94 (a and b)	S	$-CHF_2$	-F	-H
J95 (a and b)	S	$-CHF_2$	$-CH_3$	-H
J96 (a and b)	S	$-CHF_2$	$-CF_3$	-H
J97 (a and b)	S	$-CHF_2$	$-OCH_3$	-H
J98 (a and b)	S	$-CHF_2$	$-OCH_2CH_3$	-H
J99 (a and b)	S	$-CHF_2$	$-OCF_3$	-H
J100 (a and b)	S	$-CHF_2$	*-tert*-butyl	-H
J101 (a and b)	S	$-CHF_2$	*-iso*-propyl	-H
J102 (a and b)	S	$-CHF_2$	$-CH_3$	$-CH_3$
J103 (a and b)	S	$-CHF_2$	-H	-H
J104 (a and b)	S	$-CHF_2$	-H	-Cl
J105 (a and b)	S	$-CHF_2$	-H	-Br
J106 (a and b)	S	$-CHF_2$	-H	-F
J107 (a and b)	S	$-CHF_2$	-H	$-CH_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
J108 (a and b)	S	$-CHF_2$	-H	$-CF_3$
J109 (a and b)	S	$-CHF_2$	-H	$-OCH_3$
J110 (a and b)	S	$-CHF_2$	-H	$-OCH_2CH_3$
J111 (a and b)	S	$-CHF_2$	-H	$-OCF_3$
J112 (a and b)	S	$-CHF_2$	-H	*-tert*-butyl
J113 (a and b)	S	$-CHF_2$	-H	*-iso*-propyl
J114 (a and b)	S	-OH	-Cl	-H
J115 (a and b)	S	-OH	-Br	-H
J116 (a and b)	S	-OH	-F	-H
J117 (a and b)	S	-OH	$-CH_3$	-H
J118 (a and b)	S	-OH	$-CF_3$	-H
J119 (a and b)	S	-OH	$-OCH_3$	-H
J120 (a and b)	S	-OH	$-OCH_2CH_3$	-H
J121 (a and b)	S	-OH	$-OCF_3$	-H
J122 (a and b)	S	-OH	*-tert*-butyl	-H
J123 (a and b)	S	-OH	*-iso*-propyl	-H
J124 (a and b)	S	-OH	$-CH_3$	$-CH_3$
J125 (a and b)	S	-OH	-H	-H
J126 (a and b)	S	-OH	-H	-Cl
J127 (a and b)	S	-OH	-H	-Br
J128 (a and b)	S	-OH	-H	-F
J129 (a and b)	S	-OH	-H	$-CH_3$
J130 (a and b)	S	-OH	-H	$-CF_3$
J131 (a and b)	S	-OH	-H	$-OCH_3$
J132 (a and b)	S	-OH	-H	$-OCH_2CH_3$
J133 (a and b)	S	-OH	-H	$-OCF_3$
J134 (a and b)	S	-OH	-H	*-tert*-butyl
J135 (a and b)	S	-OH	-H	*-iso*-propyl
J136 (a and b)	S	$-NO_2$	-Cl	-H
J137 (a and b)	S	$-NO_2$	-Br	-H
J138 (a and b)	S	$-NO_2$	-F	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
J139 (a and b)	S	$-NO_2$	$-CH_3$	-H
J140 (a and b)	S	$-NO_2$	$-CF_3$	-H
J141 (a and b)	S	$-NO_2$	$-OCH_3$	-H
J142 (a and b)	S	$-NO_2$	$-OCH_2CH_3$	-H
J143 (a and b)	S	$-NO_2$	$-OCF_3$	-H
J144 (a and b)	S	$-NO_2$	*-tert*-butyl	-H
J145 (a and b)	S	$-NO_2$	*-iso*-propyl	-H
J146 (a and b)	S	$-NO_2$	$-CH_3$	$-CH_3$
J147 (a and b)	S	$-NO_2$	-H	-H
J148 (a and b)	S	$-NO_2$	-H	-Cl
J149 (a and b)	S	$-NO_2$	-H	-Br
J150 (a and b)	S	$-NO_2$	-H	-F
J151 (a and b)	S	$-NO_2$	-H	$-CH_3$
J152 (a and b)	S	$-NO_2$	-H	$-CF_3$
J153 (a and b)	S	$-NO_2$	-H	$-OCH_3$
J154 (a and b)	S	$-NO_2$	-H	$-OCH_2CH_3$
J155 (a and b)	S	$-NO_2$	-H	$-OCF_3$
J156 (a and b)	S	$-NO_2$	-H	*-tert*-butyl
J157 (a and b)	S	$-NO_2$	-H	*-iso*-propyl
J158 (a and b)	S	-CN	-Br	-H
J159 (a and b)	S	-CN	-Cl	-H
J160 (a and b)	S	-CN	-F	-H
J161 (a and b)	S	-CN	$-CH_3$	-H
J162 (a and b)	S	-CN	$-CF_3$	-H
J163 (a and b)	S	-CN	$-OCH_3$	-H
J164 (a and b)	S	-CN	$-OCH_2CH_3$	-H
J165 (a and b)	S	-CN	$-OCF_3$	-H
J166 (a and b)	S	-CN	*-tert*-butyl	-H
J167 (a and b)	S	-CN	*-iso*-propyl	-H
J168 (a and b)	S	-CN	$-CH_3$	$-CH_3$
J169 (a and b)	S	-CN	-H	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
J170 (a and b)	S	-CN	-H	-Cl
J171 (a and b)	S	-CN	-H	-Br
J172 (a and b)	S	-CN	-H	-F
J173 (a and b)	S	-CN	-H	$-CH_3$
J174 (a and b)	S	-CN	-H	$-CF_3$
J175 (a and b)	S	-CN	-H	$-OCH_3$
J176 (a and b)	S	-CN	-H	$-OCH_2CH_3$
J177 (a and b)	S	-CN	-H	$-OCF_3$
J178 (a and b)	S	-CN	-H	*-tert*-butyl
J179 (a and b)	S	-CN	-H	*-iso*-propyl
J180 (a and b)	S	-Br	-Br	-H
J181 (a and b)	S	-Br	-Cl	-H
J182 (a and b)	S	-Br	-F	-H
J183 (a and b)	S	-Br	$-CH_3$	-H
J184 (a and b)	S	-Br	$-CF_3$	-H
J185 (a and b)	S	-Br	$-OCH_3$	-H
J186 (a and b)	S	-Br	$-OCH_2CH_3$	-H
J187 (a and b)	S	-Br	$-OCF_3$	-H
J188 (a and b)	S	-Br	*-tert*-butyl	-H
J189 (a and b)	S	-Br	*-iso*-propyl	-H
J190 (a and b)	S	-Br	$-CH_3$	$-CH_3$
J191 (a and b)	S	-Br	-H	-H
J192 (a and b)	S	-Br	-H	-Cl
J193 (a and b)	S	-Br	-H	-Br
J194 (a and b)	S	-Br	-H	-F
J195 (a and b)	S	-Br	-H	$-CH_3$
J196 (a and b)	S	-Br	-H	$-CF_3$
J197 (a and b)	S	-Br	-H	$-OCH_3$
J198 (a and b)	S	-Br	-H	$-OCH_2CH_3$
J199 (a and b)	S	-Br	-H	$-OCF_3$
J200 (a and b)	S	-Br	-H	*-tert*-butyl

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
J201 (a and b)	S	-Br	-H	-*iso*-propyl
J202 (a and b)	S	-I	-Cl	-H
J203 (a and b)	S	-I	-Br	-H
J204 (a and b)	S	-I	-F	-H
J205 (a and b)	S	-I	$-CH_3$	-H
J206 (a and b)	S	-I	$-CF_3$	-H
J207 (a and b)	S	-I	$-OCH_3$	-H
J208 (a and b)	S	-I	$-OCH_2CH_3$	-H
J209 (a and b)	S	-I	$-OCF_3$	-H
J210 (a and b)	S	-I	-*tert*-butyl	-H
J211 (a and b)	S	-I	-*iso*-propyl	-H
J212 (a and b)	S	-I	$-CH_3$	$-CH_3$
J213 (a and b)	S	-I	-H	-H
J214 (a and b)	S	-I	-H	-Cl
J215 (a and b)	S	-I	-H	-Br
J216 (a and b)	S	-I	-H	-F
J217 (a and b)	S	-I	-H	$-CH_3$
J218 (a and b)	S	-I	-H	$-CF_3$
J219 (a and b)	S	-I	-H	$-OCH_3$
J220 (a and b)	S	-I	-H	$-OCH_2CH_3$
J221 (a and b)	S	-I	-H	$-OCF_3$
J222 (a and b)	S	-I	-H	-*tert*-butyl
J223 (a and b)	S	-I	-H	-*iso*-propyl
J224 (a and b)	O	-H	-Cl	-H
J225 (a and b)	O	-H	-Br	-H
J226 (a and b)	O	-H	-F	-H
J227 (a and b)	O	-H	$-CH_3$	-H
J228 (a and b)	O	-H	$-CF_3$	-H
J229 (a and b)	O	-H	$-OCH_3$	-H
J230 (a and b)	O	-H	$-OCH_2CH_3$	-H
J231 (a and b)	O	-H	$-OCF_3$	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
J232 (a and b)	O	-H	-*tert*-butyl	-H
J233 (a and b)	O	-H	-*iso*-propyl	-H
J234 (a and b)	O	-H	$-CH_3$	$-CH_3$
J235 (a and b)	O	-H	-H	-H
J236 (a and b)	O	-H	-H	-Cl
J237 (a and b)	O	-H	-H	-Br
J238 (a and b)	O	-H	-H	-F
J239 (a and b)	O	-H	-H	$-CH_3$
J240 (a and b)	O	-H	-H	$-CF_3$
J241 (a and b)	O	-H	-H	$-OCH_3$
J242 (a and b)	O	-H	-H	$-OCH_2CH_3$
J243 (a and b)	O	-H	-H	$-OCF_3$
J244 (a and b)	O	-H	-H	-*tert*-butyl
J245 (a and b)	O	-H	-H	-*iso*-propyl
J246 (a and b)	O	-Cl	-Cl	-H
J247 (a and b)	O	-Cl	-Br	-H
J248 (a and b)	O	-Cl	-F	-H
J249 (a and b)	O	-Cl	$-CH_3$	-H
J250 (a and b)	O	-Cl	$-CF_3$	-H
J251 (a and b)	O	-Cl	$-OCH_3$	-H
J252 (a and b)	O	-Cl	$-OCH_2CH_3$	-H
J253 (a and b)	O	-Cl	$-OCF_3$	-H
J254 (a and b)	O	-Cl	-*tert*-butyl	-H
J255 (a and b)	O	-Cl	-*iso*-propyl	-H
J256 (a and b)	O	-Cl	$-CH_3$	$-CH_3$
J257 (a and b)	O	-Cl	-H	-H
J258 (a and b)	O	-Cl	-H	-Cl
J259 (a and b)	O	-Cl	-H	-Br
J260 (a and b)	O	-Cl	-H	-F
J261 (a and b)	O	-Cl	-H	$-CH_3$
J262 (a and b)	O	-Cl	-H	$-CF_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
J263 (a and b)	O	-Cl	-H	$-OCH_3$
J264 (a and b)	O	-Cl	-H	$-OCH_2CH_3$
J265 (a and b)	O	-Cl	-H	$-OCF_3$
J266 (a and b)	O	-Cl	-H	*-tert*-butyl
J267 (a and b)	O	-Cl	-H	*-iso*-propyl
J268 (a and b)	O	-Cl	-H	$-OCF_3$
J269 (a and b)	O	-Cl	-H	*-tert*-butyl
J270 (a and b)	O	-Cl	-H	*-iso*-propyl
J271 (a and b)	O	$-CH_3$	-Cl	-H
J272 (a and b)	O	$-CH_3$	-Br	-H
J273 (a and b)	O	$-CH_3$	-F	-H
J274 (a and b)	O	$-CH_3$	$-CH_3$	-H
J275 (a and b)	O	$-CH_3$	$-CF_3$	-H
J276 (a and b)	O	$-CH_3$	$-OCH_3$	-H
J277 (a and b)	O	$-CH_3$	$-OCH_2CH_3$	-H
J278 (a and b)	O	$-CH_3$	$-OCF_3$	-H
J279 (a and b)	O	$-CH_3$	*-tert*-butyl	-H
J280 (a and b)	O	$-CH_3$	*-iso*-propyl	-H
J281 (a and b)	O	$-CH_3$	$-CH_3$	$-CH_3$
J282 (a and b)	O	$-CH_3$	-H	-H
J283 (a and b)	O	$-CH_3$	-H	-Cl
J284 (a and b)	O	$-CH_3$	-H	-Br
J285 (a and b)	O	$-CH_3$	-H	-F
J286 (a and b)	O	$-CH_3$	-H	$-CH_3$
J287 (a and b)	O	$-CH_3$	-H	$-CF_3$
J288 (a and b)	O	$-CH_3$	-H	$-OCH_3$
J289 (a and b)	O	$-CH_3$	-H	$-OCH_2CH_3$
J290 (a and b)	O	$-CH_3$	-H	$-OCF_3$
J291 (a and b)	O	$-CH_3$	-H	*-tert*-butyl
J292 (a and b)	O	$-CH_3$	-H	*-iso*-propyl
J293 (a and b)	O	$-CF_3$	-Cl	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
J294 (a and b)	O	$-CF_3$	-Br	-H
J295 (a and b)	O	$-CF_3$	-F	-H
J296 (a and b)	O	$-CF_3$	$-CH_3$	-H
J297 (a and b)	O	$-CF_3$	$-CF_3$	-H
J298 (a and b)	O	$-CF_3$	$-OCH_3$	-H
J299 (a and b)	O	$-CF_3$	$-OCH_2CH_3$	-H
J300 (a and b)	O	$-CF_3$	$-OCF_3$	-H
J301 (a and b)	O	$-CF_3$	-*tert*-butyl	-H
J302 (a and b)	O	$-CF_3$	-*iso*-propyl	-H
J303 (a and b)	O	$-CF_3$	$-CH_3$	$-CH_3$
J304 (a and b)	O	$-CF_3$	-H	-H
J305 (a and b)	O	$-CF_3$	-H	-Cl
J306 (a and b)	O	$-CF_3$	-H	-Br
J307 (a and b)	O	$-CF_3$	-H	-F
J308 (a and b)	O	$-CF_3$	-H	$-CH_3$
J309 (a and b)	O	$-CF_3$	-H	$-CF_3$
J310 (a and b)	O	$-CF_3$	-H	$-OCH_3$
J311 (a and b)	O	$-CF_3$	-H	$-OCH_2CH_3$
J312 (a and b)	O	$-CF_3$	-H	$-OCF_3$
J313 (a and b)	O	$-CF_3$	-H	-*tert*-butyl
J314 (a and b)	O	$-CF_3$	-H	-*iso*-propyl
J315 (a and b)	O	$-CHF_2$	-Cl	-H
J316 (a and b)	O	$-CHF_2$	-Br	-H
J317 (a and b)	O	$-CHF_2$	-F	-H
J318 (a and b)	O	$-CHF_2$	$-CH_3$	-H
J319 (a and b)	O	$-CHF_2$	$-CF_3$	-H
J320 (a and b)	O	$-CHF_2$	$-OCH_3$	-H
J321 (a and b)	O	$-CHF_2$	$-OCH_2CH_3$	-H
J322 (a and b)	O	$-CHF_2$	$-OCF_3$	-H
J323 (a and b)	O	$-CHF_2$	-*tert*-butyl	-H
J324 (a and b)	O	$-CHF_2$	-*iso*-propyl	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
J325 (a and b)	O	$-CHF_2$	$-CH_3$	$-CH_3$
J326 (a and b)	O	$-CHF_2$	-H	-H
J327 (a and b)	O	$-CHF_2$	-H	-Cl
J328 (a and b)	O	$-CHF_2$	-H	-Br
J329 (a and b)	O	$-CHF_2$	-H	-F
J330 (a and b)	O	$-CHF_2$	-H	$-CH_3$
J331 (a and b)	O	$-CHF_2$	-H	$-CF_3$
J332 (a and b)	O	$-CHF_2$	-H	$-OCH_3$
J333 (a and b)	O	$-CHF_2$	-H	$-OCH_2CH_3$
J334 (a and b)	O	$-CHF_2$	-H	$-OCF_3$
J335 (a and b)	O	$-CHF_2$	-H	-*tert*-butyl
J336 (a and b)	O	$-CHF_2$	-H	-*iso*-propyl
J337 (a and b)	O	-OH	-Cl	-H
J338 (a and b)	O	-OH	-Br	-H
J339 (a and b)	O	-OH	-F	-H
J340 (a and b)	O	-OH	$-CH_3$	-H
J341 (a and b)	O	-OH	$-CF_3$	-H
J342 (a and b)	O	-OH	$-OCH_3$	-H
J343 (a and b)	O	-OH	$-OCH_2CH_3$	-H
J344 (a and b)	O	-OH	$-OCF_3$	-H
J345 (a and b)	O	-OH	-*tert*-butyl	-H
J346 (a and b)	O	-OH	-*iso*-propyl	-H
J347 (a and b)	O	-OH	$-CH_3$	$-CH_3$
J348 (a and b)	O	-OH	-H	-H
J349 (a and b)	O	-OH	-H	-Cl
J350 (a and b)	O	-OH	-H	-Br
J351 (a and b)	O	-OH	-H	-F
J352 (a and b)	O	-OH	-H	$-CH_3$
J353 (a and b)	O	-OH	-H	$-CF_3$
J354 (a and b)	O	-OH	-H	$-OCH_3$
J355 (a and b)	O	-OH	-H	$-OCH_2CH_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
J356 (a and b)	O	-OH	-H	$-OCF_3$
J357 (a and b)	O	-OH	-H	*-tert*-butyl
J358 (a and b)	O	-OH	-H	*-iso*-propyl
J359 (a and b)	O	$-NO_2$	-Cl	-H
J360 (a and b)	O	$-NO_2$	-Br	-H
J361 (a and b)	O	$-NO_2$	-F	-H
J362 (a and b)	O	$-NO_2$	$-CH_3$	-H
J363 (a and b)	O	$-NO_2$	$-CF_3$	-H
J364 (a and b)	O	$-NO_2$	$-OCH_3$	-H
J365 (a and b)	O	$-NO_2$	$-OCH_2CH_3$	-H
J366 (a and b)	O	$-NO_2$	$-OCF_3$	-H
J367 (a and b)	O	$-NO_2$	*-tert*-butyl	-H
J368 (a and b)	O	$-NO_2$	*-iso*-propyl	-H
J369 (a and b)	O	$-NO_2$	$-CH_3$	$-CH_3$
J370 (a and b)	O	$-NO_2$	-H	-H
J371 (a and b)	O	$-NO_2$	-H	-Cl
J372 (a and b)	O	$-NO_2$	-H	-Br
J373 (a and b)	O	$-NO_2$	-H	-F
J374 (a and b)	O	$-NO_2$	-H	$-CH_3$
J375 (a and b)	O	$-NO_2$	-H	$-CF_3$
J376 (a and b)	O	$-NO_2$	-H	$-OCH_3$
J377 (a and b)	O	$-NO_2$	-H	$-OCH_2CH_3$
J378 (a and b)	O	$-NO_2$	-H	$-OCF_3$
J379 (a and b)	O	$-NO_2$	-H	*-tert*-butyl
J380 (a and b)	O	$-NO_2$	-H	*-iso*-propyl
J381 (a and b)	O	-CN	-Br	-H
J382 (a and b)	O	-CN	-Cl	-H
J383 (a and b)	O	-CN	-F	-H
J384 (a and b)	O	-CN	$-CH_3$	-H
J385 (a and b)	O	-CN	$-CF_3$	-H
J386 (a and b)	O	-CN	$-OCH_3$	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
J387 (a and b)	O	-CN	$-OCH_2CH_3$	-H
J388 (a and b)	O	-CN	$-OCF_3$	-H
J389 (a and b)	O	-CN	*-tert*-butyl	-H
J390 (a and b)	O	-CN	*-iso*-propyl	-H
J391 (a and b)	O	-CN	$-CH_3$	$-CH_3$
J392 (a and b)	O	-CN	-H	-H
J393 (a and b)	O	-CN	-H	-Cl
J394 (a and b)	O	-CN	-H	-Br
J395 (a and b)	O	-CN	-H	-F
J396 (a and b)	O	-CN	-H	$-CH_3$
J397 (a and b)	O	-CN	-H	$-CF_3$
J398 (a and b)	O	-CN	-H	$-OCH_3$
J399 (a and b)	O	-CN	-H	$-OCH_2CH_3$
J400 (a and b)	O	-CN	-H	$-OCF_3$
J401 (a and b)	O	-CN	-H	*-tert*-butyl
J402 (a and b)	O	-CN	-H	*-iso*-propyl
J403 (a and b)	O	-Br	-Br	-H
J404 (a and b)	O	-Br	-Cl	-H
J405 (a and b)	O	-Br	-F	-H
J406 (a and b)	O	-Br	$-CH_3$	-H
J407 (a and b)	O	-Br	$-CF_3$	-H
J408 (a and b)	O	-Br	$-OCH_3$	-H
J409 (a and b)	O	-Br	$-OCH_2CH_3$	-H
J410 (a and b)	O	-Br	$-OCF_3$	-H
J411 (a and b)	O	-Br	*-tert*-butyl	-H
J412 (a and b)	O	-Br	*-iso*-propyl	-H
J413 (a and b)	O	-Br	$-CH_3$	$-CH_3$
J414 (a and b)	O	-Br	-H	-H
J415 (a and b)	O	-Br	-H	-Cl
J416 (a and b)	O	-Br	-H	-Br
J417 (a and b)	O	-Br	-H	-F

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
J418 (a and b)	O	-Br	-H	$-CH_3$
J419 (a and b)	O	-Br	-H	$-CF_3$
J420 (a and b)	O	-Br	-H	$-OCH_3$
J421 (a and b)	O	-Br	-H	$-OCH_2CH_3$
J422 (a and b)	O	-Br	-H	$-OCF_3$
J423 (a and b)	O	-Br	-H	-*tert*-butyl
J424 (a and b)	O	-Br	-H	-*iso*-propyl
J425 (a and b)	O	-I	-Cl	-H
J426 (a and b)	O	-I	-Br	-H
J427 (a and b)	O	-I	-F	-H
J428 (a and b)	O	-I	$-CH_3$	-H
J429 (a and b)	O	-I	$-CF_3$	-H
J430 (a and b)	O	-I	$-OCH_3$	-H
J431 (a and b)	O	-I	$-OCH_2CH_3$	-H
J432 (a and b)	O	-I	$-OCF_3$	-H
J433 (a and b)	O	-I	-*tert*-butyl	-H
J434 (a and b)	O	-I	-*iso*-propyl	-H
J435 (a and b)	O	-I	$-CH_3$	$-CH_3$
J436 (a and b)	O	-I	-H	-H
J437 (a and b)	O	-I	-H	-Cl
J438 (a and b)	O	-I	-H	-Br
J439 (a and b)	O	-I	-H	-F
J440 (a and b)	O	-I	-H	$-CH_3$
J441 (a and b)	O	-I	-H	$-CF_3$
J442 (a and b)	O	-I	-H	$-OCH_3$
J443 (a and b)	O	-I	-H	$-OCH_2CH_3$
J444 (a and b)	O	-I	-H	$-OCF_3$
J445 (a and b)	O	-I	-H	-*tert*-butyl
J446 (a and b)	O	-I	-H	-*iso*-propyl
J447 (a and b)	NH	-H	-Cl	-H
J448 (a and b)	NH	-H	-Br	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
J449 (a and b)	NH	-H	-F	-H
J450 (a and b)	NH	-H	$-CH_3$	-H
J451 (a and b)	NH	-H	$-CF_3$	-H
J452 (a and b)	NH	-H	$-OCH_3$	-H
J453 (a and b)	NH	-H	$-OCH_2CH_3$	-H
J454 (a and b)	NH	-H	$-OCF_3$	-H
J455 (a and b)	NH	-H	-*tert*-butyl	-H
J456 (a and b)	NH	-H	-*iso*-propyl	-H
J457 (a and b)	NH	-H	$-CH_3$	$-CH_3$
J458 (a and b)	NH	-H	-H	-H
J459 (a and b)	NH	-H	-H	-Cl
J460 (a and b)	NH	-H	-H	-Br
J461 (a and b)	NH	-H	-H	-F
J462 (a and b)	NH	-H	-H	$-CH_3$
J463 (a and b)	NH	-H	-H	$-CF_3$
J464 (a and b)	NH	-H	-H	$-OCH_3$
J465 (a and b)	NH	-H	-H	$-OCH_2CH_3$
J466 (a and b)	NH	-H	-H	$-OCF_3$
J467 (a and b)	NH	-H	-H	-*tert*-butyl
J468 (a and b)	NH	-H	-H	-*iso*-propyl
J469 (a and b)	NH	-Cl	-Cl	-H
J470 (a and b)	NH	-Cl	-Br	-H
J471 (a and b)	NH	-Cl	-F	-H
J472 (a and b)	NH	-Cl	$-CH_3$	-H
J473 (a and b)	NH	-Cl	$-CF_3$	-H
J474 (a and b)	NH	-Cl	$-OCH_3$	-H
J475 (a and b)	NH	-Cl	$-OCH_2CH_3$	-H
J476 (a and b)	NH	-Cl	$-OCF_3$	-H
J477 (a and b)	NH	-Cl	-*tert*-butyl	-H
J478 (a and b)	NH	-Cl	-*iso*-propyl	-H
J479 (a and b)	NH	-Cl	$-CH_3$	$-CH_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
J480 (a and b)	NH	-Cl	-H	-H
J481 (a and b)	NH	-Cl	-H	-Cl
J482 (a and b)	NH	-Cl	-H	-Br
J483 (a and b)	NH	-Cl	-H	-F
J484 (a and b)	NH	-Cl	-H	$-CH_3$
J485 (a and b)	NH	-Cl	-H	$-CF_3$
J486 (a and b)	NH	-Cl	-H	$-OCH_3$
J487 (a and b)	NH	-Cl	-H	$-OCH_2CH_3$
J488 (a and b)	NH	-Cl	-H	$-OCF_3$
J489 (a and b)	NH	-Cl	-H	*-tert*-butyl
J490 (a and b)	NH	-Cl	-H	*-iso*-propyl
J491 (a and b)	NH	-Cl	-H	$-OCF_3$
J492 (a and b)	NH	-Cl	-H	*-tert*-butyl
J493 (a and b)	NH	-Cl	-H	*-iso*-propyl
J494 (a and b)	NH	$-CH_3$	-Cl	-H
J495 (a and b)	NH	$-CH_3$	-Br	-H
J496 (a and b)	NH	$-CH_3$	-F	-H
J497 (a and b)	NH	$-CH_3$	$-CH_3$	-H
J498 (a and b)	NH	$-CH_3$	$-CF_3$	-H
J499 (a and b)	NH	$-CH_3$	$-OCH_3$	-H
J500 (a and b)	NH	$-CH_3$	$-OCH_2CH_3$	-H
J501 (a and b)	NH	$-CH_3$	$-OCF_3$	-H
J502 (a and b)	NH	$-CH_3$	*-tert*-butyl	-H
J503 (a and b)	NH	$-CH_3$	*-iso*-propyl	-H
J504 (a and b)	NH	$-CH_3$	$-CH_3$	$-CH_3$
J505 (a and b)	NH	$-CH_3$	-H	-H
J506 (a and b)	NH	$-CH_3$	-H	-Cl
J507 (a and b)	NH	$-CH_3$	-H	-Br
J508 (a and b)	NH	$-CH_3$	-H	-F
J509 (a and b)	NH	$-CH_3$	-H	$-CH_3$
J510 (a and b)	NH	$-CH_3$	-H	$-CF_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
J511 (a and b)	NH	$-CH_3$	-H	$-OCH_3$
J512 (a and b)	NH	$-CH_3$	-H	$-OCH_2CH_3$
J513 (a and b)	NH	$-CH_3$	-H	$-OCF_3$
J514 (a and b)	NH	$-CH_3$	-H	*-tert*-butyl
J515 (a and b)	NH	$-CH_3$	-H	*-iso*-propyl
J516 (a and b)	NH	$-CF_3$	-Cl	-H
J517 (a and b)	NH	$-CF_3$	-Br	-H
J518 (a and b)	NH	$-CF_3$	-F	-H
J519 (a and b)	NH	$-CF_3$	$-CH_3$	-H
J520 (a and b)	NH	$-CF_3$	$-CF_3$	-H
J521 (a and b)	NH	$-CF_3$	$-OCH_3$	-H
J522 (a and b)	NH	$-CF_3$	$-OCH_2CH_3$	-H
J523 (a and b)	NH	$-CF_3$	$-OCF_3$	-H
J524 (a and b)	NH	$-CF_3$	*-tert*-butyl	-H
J525 (a and b)	NH	$-CF_3$	*-iso*-propyl	-H
J526 (a and b)	NH	$-CF_3$	$-CH_3$	$-CH_3$
J527 (a and b)	NH	$-CF_3$	-H	-H
J528 (a and b)	NH	$-CF_3$	-H	-Cl
J529 (a and b)	NH	$-CF_3$	-H	-Br
J530 (a and b)	NH	$-CF_3$	-H	-F
J531 (a and b)	NH	$-CF_3$	-H	$-CH_3$
J532 (a and b)	NH	$-CF_3$	-H	$-CF_3$
J533 (a and b)	NH	$-CF_3$	-H	$-OCH_3$
J534 (a and b)	NH	$-CF_3$	-H	$-OCH_2CH_3$
J535 (a and b)	NH	$-CF_3$	-H	$-OCF_3$
J536 (a and b)	NH	$-CF_3$	-H	*-tert*-butyl
J537 (a and b)	NH	$-CF_3$	-H	*-iso*-propyl
J538 (a and b)	NH	$-CHF_2$	-Cl	-H
J539 (a and b)	NH	$-CHF_2$	-Br	-H
J540 (a and b)	NH	$-CHF_2$	-F	-H
J541 (a and b)	NH	$-CHF_2$	$-CH_3$	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
J542 (a and b)	NH	$-CHF_2$	$-CF_3$	-H
J543 (a and b)	NH	$-CHF_2$	$-OCH_3$	-H
J544 (a and b)	NH	$-CHF_2$	$-OCH_2CH_3$	-H
J545 (a and b)	NH	$-CHF_2$	$-OCF_3$	-H
J546 (a and b)	NH	$-CHF_2$	-*tert*-butyl	-H
J547 (a and b)	NH	$-CHF_2$	-*iso*-propyl	-H
J548 (a and b)	NH	$-CHF_2$	$-CH_3$	$-CH_3$
J549 (a and b)	NH	$-CHF_2$	-H	-H
J550 (a and b)	NH	$-CHF_2$	-H	-Cl
J551 (a and b)	NH	$-CHF_2$	-H	-Br
J552 (a and b)	NH	$-CHF_2$	-H	-F
J553 (a and b)	NH	$-CHF_2$	-H	$-CH_3$
J554 (a and b)	NH	$-CHF_2$	-H	$-CF_3$
J555 (a and b)	NH	$-CHF_2$	-H	$-OCH_3$
J556 (a and b)	NH	$-CHF_2$	-H	$-OCH_2CH_3$
J557 (a and b)	NH	$-CHF_2$	-H	$-OCF_3$
J558 (a and b)	NH	$-CHF_2$	-H	-*tert*-butyl
J559 (a and b)	NH	$-CHF_2$	-H	-*iso*-propyl
J560 (a and b)	NH	-OH	-Cl	-H
J561 (a and b)	NH	-OH	-Br	-H
J562 (a and b)	NH	-OH	-F	-H
J563 (a and b)	NH	-OH	$-CH_3$	-H
J564 (a and b)	NH	-OH	$-CF_3$	-H
J565 (a and b)	NH	-OH	$-OCH_3$	-H
J566 (a and b)	NH	-OH	$-OCH_2CH_3$	-H
J567 (a and b)	NH	-OH	$-OCF_3$	-H
J568 (a and b)	NH	-OH	-*tert*-butyl	-H
J569 (a and b)	NH	-OH	-*iso*-propyl	-H
J570 (a and b)	NH	-OH	$-CH_3$	$-CH_3$
J571 (a and b)	NH	-OH	-H	-H
J572 (a and b)	NH	-OH	-H	-Cl

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
J573 (a and b)	NH	-OH	-H	-Br
J574 (a and b)	NH	-OH	-H	-F
J575 (a and b)	NH	-OH	-H	$-CH_3$
J576 (a and b)	NH	-OH	-H	$-CF_3$
J577 (a and b)	NH	-OH	-H	$-OCH_3$
J578 (a and b)	NH	-OH	-H	$-OCH_2CH_3$
J579 (a and b)	NH	-OH	-H	$-OCF_3$
J580 (a and b)	NH	-OH	-H	*-tert*-butyl
J581 (a and b)	NH	-OH	-H	*-iso*-propyl
J582 (a and b)	NH	$-NO_2$	-Cl	-H
J583 (a and b)	NH	$-NO_2$	-Br	-H
J584 (a and b)	NH	$-NO_2$	-F	-H
J585 (a and b)	NH	$-NO_2$	$-CH_3$	-H
J586 (a and b)	NH	$-NO_2$	$-CF_3$	-H
J587 (a and b)	NH	$-NO_2$	$-OCH_3$	-H
J588 (a and b)	NH	$-NO_2$	$-OCH_2CH_3$	-H
J589 (a and b)	NH	$-NO_2$	$-OCF_3$	-H
J590 (a and b)	NH	$-NO_2$	*-tert*-butyl	-H
J591 (a and b)	NH	$-NO_2$	*-iso*-propyl	-H
J592 (a and b)	NH	$-NO_2$	$-CH_3$	$-CH_3$
J593 (a and b)	NH	$-NO_2$	-H	-H
J594 (a and b)	NH	$-NO_2$	-H	-Cl
J595 (a and b)	NH	$-NO_2$	-H	-Br
J596 (a and b)	NH	$-NO_2$	-H	-F
J597 (a and b)	NH	$-NO_2$	-H	$-CH_3$
J598 (a and b)	NH	$-NO_2$	-H	$-CF_3$
J599 (a and b)	NH	$-NO_2$	-H	$-OCH_3$
J600 (a and b)	NH	$-NO_2$	-H	$-OCH_2CH_3$
J601 (a and b)	NH	$-NO_2$	-H	$-OCF_3$
J602 (a and b)	NH	$-NO_2$	-H	*-tert*-butyl
J603 (a and b)	NH	$-NO_2$	-H	*-iso*-propyl

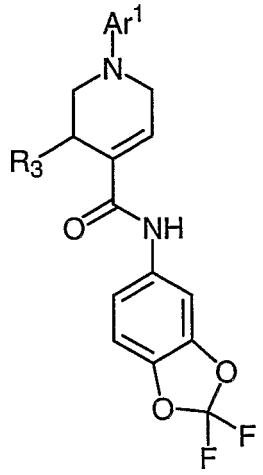
Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
J604 (a and b)	NH	-CN	-Br	-H
J605 (a and b)	NH	-CN	-Cl	-H
J606 (a and b)	NH	-CN	-F	-H
J607 (a and b)	NH	-CN	$-CH_3$	-H
J608 (a and b)	NH	-CN	$-CF_3$	-H
J609 (a and b)	NH	-CN	$-OCH_3$	-H
J610 (a and b)	NH	-CN	$-OCH_2CH_3$	-H
J611 (a and b)	NH	-CN	$-OCF_3$	-H
J612 (a and b)	NH	-CN	-*tert*-butyl	-H
J613 (a and b)	NH	-CN	-*iso*-propyl	-H
J614 (a and b)	NH	-CN	$-CH_3$	$-CH_3$
J615 (a and b)	NH	-CN	-H	-H
J616 (a and b)	NH	-CN	-H	-Cl
J617 (a and b)	NH	-CN	-H	-Br
J618 (a and b)	NH	-CN	-H	-F
J619 (a and b)	NH	-CN	-H	$-CH_3$
J620 (a and b)	NH	-CN	-H	$-CF_3$
J621 (a and b)	NH	-CN	-H	$-OCH_3$
J622 (a and b)	NH	-CN	-H	$-OCH_2CH_3$
J623 (a and b)	NH	-CN	-H	$-OCF_3$
J624 (a and b)	NH	-CN	-H	-*tert*-butyl
J625 (a and b)	NH	-CN	-H	-*iso*-propyl
J626 (a and b)	NH	-Br	-Br	-H
J627 (a and b)	NH	-Br	-Cl	-H
J628 (a and b)	NH	-Br	-F	-H
J629 (a and b)	NH	-Br	$-CH_3$	-H
J630 (a and b)	NH	-Br	$-CF_3$	-H
J631 (a and b)	NH	-Br	$-OCH_3$	-H
J632 (a and b)	NH	-Br	$-OCH_2CH_3$	-H
J633 (a and b)	NH	-Br	$-OCF_3$	-H
J634 (a and b)	NH	-Br	-*tert*-butyl	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
J635 (a and b)	NH	-Br	-*iso*-propyl	-H
J636 (a and b)	NH	-Br	$-CH_3$	$-CH_3$
J637 (a and b)	NH	-Br	-H	-H
J638 (a and b)	NH	-Br	-H	-Cl
J639 (a and b)	NH	-Br	-H	-Br
J640 (a and b)	NH	-Br	-H	-F
J641 (a and b)	NH	-Br	-H	$-CH_3$
J642 (a and b)	NH	-Br	-H	$-CF_3$
J643 (a and b)	NH	-Br	-H	$-OCH_3$
J644 (a and b)	NH	-Br	-H	$-OCH_2CH_3$
J645 (a and b)	NH	-Br	-H	$-OCF_3$
J646 (a and b)	NH	-Br	-H	-*tert*-butyl
J647 (a and b)	NH	-Br	-H	-*iso*-propyl
J648 (a and b)	NH	-I	-Cl	-H
J649 (a and b)	NH	-I	-Br	-H
J650 (a and b)	NH	-I	-F	-H
J651 (a and b)	NH	-I	$-CH_3$	-H
J652 (a and b)	NH	-I	$-CF_3$	-H
J653 (a and b)	NH	-I	$-OCH_3$	-H
J654 (a and b)	NH	-I	$-OCH_2CH_3$	-H
J655 (a and b)	NH	-I	$-OCF_3$	-H
J656 (a and b)	NH	-I	-*tert*-butyl	-H
J657 (a and b)	NH	-I	-*iso*-propyl	-H
J658 (a and b)	NH	-I	$-CH_3$	$-CH_3$
J659 (a and b)	NH	-I	-H	-H
J660 (a and b)	NH	-I	-H	-Cl
J661 (a and b)	NH	-I	-H	-Br
J662 (a and b)	NH	-I	-H	-F
J663 (a and b)	NH	-I	-H	$-CH_3$
J664 (a and b)	NH	-I	-H	$-CF_3$
J665 (a and b)	NH	-I	-H	$-OCH_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
J666 (a and b)	NH	-I	-H	$-OCH_2CH_3$
J667 (a and b)	NH	-I	-H	$-OCF_3$
J668 (a and b)	NH	-I	-H	*-tert*-butyl
J669 (a and b)	NH	-I	-H	*-iso*-propyl

(a) means that R_3 is -H.
(b) means that R_3 is $-CH_3$.

Table 11



(Ik)

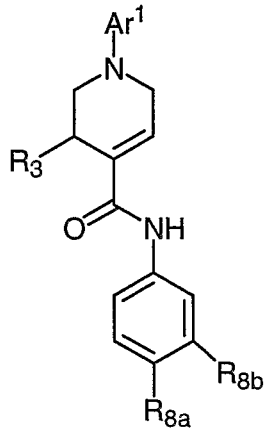
and pharmaceutically acceptable salts thereof, wherein:

Compound	Ar^1
K1 (a and b)	-2-(3-chloropyridyl)
K2 (a and b)	-2-(3-fluoropyridyl)
K3 (a and b)	-2-(3-methylpyridyl)
K4 (a and b)	-2-(3-CF_3-pyridyl)
K5 (a and b)	-2-(3-CHF_2-pyridyl)
K6 (a and b)	-2-(3-hydroxypyridyl)
K7 (a and b)	-2-(3-nitropyridyl)
K8 (a and b)	-2-(3-cyanopyridyl)
K9 (a and b)	-2-(3-bromopyridyl)
K10 (a and b)	-2-(3-iodopyridyl)
K11 (a and b)	-4-(5-chloropyrimidinyl)
K12 (a and b)	-4-(5-methylpyrimidinyl)
K13 (a and b)	-4-(5-fluoropyrimidinyl)
K14 (a and b)	-2-(3-chloropyrazinyl)
K15 (a and b)	-2-(3-methylpyrazinyl)
K16 (a and b)	-2-(3-fluoropyrazinyl)
K17 (a and b)	-3-(4-chloropyridazinyl)
K18 (a and b)	-3-(4-methylpyridazinyl)

Compound	Ar^1
K19 (a and b)	-3-(4-fluoropyridazinyl)
K20 (a and b)	-5-(4-chlorothiadiazolyl)
K21 (a and b)	-5-(4-methylthiadiazolyl)
K22 (a and b)	-5-(4-fluorothiadiazolyl)

(a) means that R_3 is -H.
(b) means that R_3 is $-CH_3$.

Table 12



(II)

and pharmaceutically acceptable salts thereof, wherein:

Compound	Ar^1	R_{8a}	R_{8b}
L1 (a and b)	-2-(3-chloropyridyl)	-Cl	$-CF_3$
L2 (a and b)	-2-(3-chloropyridyl)	$-CF_3$	-Cl
L3 (a and b)	-2-(3-chloropyridyl)	$-CH_3$	$-CF_3$
L4 (a and b)	-2-(3-chloropyridyl)	$-SCF_3$	-Cl
L5 (a and b)	-2-(3-chloropyridyl)	-F	$-CF_3$
L6 (a and b)	-2-(3-chloropyridyl)	$-CF_3$	-F
L7 (a and b)	-2-(3-chloropyridyl)	-CN	$-CF_3$
L8 (a and b)	-2-(3-chloropyridyl)	$-OCF_3$	-Cl
L9 (a and b)	-2-(3-fluoropyridyl)	-Cl	$-CF_3$
L10 (a and b)	-2-(3-fluoropyridyl)	$-CF_3$	-Cl
L11 (a and b)	-2-(3-fluoropyridyl)	$-CH_3$	$-CF_3$
L12 (a and b)	-2-(3-fluoropyridyl)	$-SCF_3$	-Cl
L13 (a and b)	-2-(3-fluoropyridyl)	-F	$-CF_3$
L14 (a and b)	-2-(3-fluoropyridyl)	$-CF_3$	-F
L15 (a and b)	-2-(3-fluoropyridyl)	-CN	$-CF_3$
L16 (a and b)	-2-(3-fluoropyridyl)	$-OCF_3$	-Cl
L17 (a and b)	-2-(3-methylpyridyl)	-Cl	$-CF_3$
L18 (a and b)	-2-(3-methylpyridyl)	$-CF_3$	-Cl

Compound	Ar^1	R_{8a}	R_{8b}
L19 (a and b)	-2-(3-methylpyridyl)	$-CH_3$	$-CF_3$
L20 (a and b)	-2-(3-methylpyridyl)	$-SCF_3$	-Cl
L21 (a and b)	-2-(3-methylpyridyl)	-F	$-CF_3$
L22 (a and b)	-2-(3-methylpyridyl)	$-CF_3$	-F
L23 (a and b)	-2-(3-methylpyridyl)	-CN	$-CF_3$
L24 (a and b)	-2-(3-methylpyridyl)	$-OCF_3$	-Cl
L25 (a and b)	-2-(3-CF_3-pyridyl)	-Cl	$-CF_3$
L26 (a and b)	-2-(3-CF_3-pyridyl)	$-CF_3$	-Cl
L27 (a and b)	-2-(3-CF_3-pyridyl)	$-CH_3$	$-CF_3$
L28 (a and b)	-2-(3-CF_3-pyridyl)	$-SCF_3$	-Cl
L29 (a and b)	-2-(3-CF_3-pyridyl)	-F	$-CF_3$
L30 (a and b)	-2-(3-CF_3-pyridyl)	$-CF_3$	-F
L31 (a and b)	-2-(3-CF_3-pyridyl)	-CN	$-CF_3$
L32 (a and b)	-2-(3-CF_3-pyridyl)	$-OCF_3$	-Cl
L33 (a and b)	-2-(3-CHF_2-pyridyl)	-Cl	$-CF_3$
L34 (a and b)	-2-(3-CHF_2-pyridyl)	$-CF_3$	-Cl
L35 (a and b)	-2-(3-CHF_2-pyridyl)	$-CH_3$	$-CF_3$
L36 (a and b)	-2-(3-CHF_2-pyridyl)	$-SCF_3$	-Cl
L37 (a and b)	-2-(3-CHF_2-pyridyl)	-F	$-CF_3$
L38 (a and b)	-2-(3-CHF_2-pyridyl)	$-CF_3$	-F
L39 (a and b)	-2-(3-CHF_2-pyridyl)	-CN	$-CF_3$
L40 (a and b)	-2-(3-CHF_2-pyridyl)	$-OCF_3$	-Cl
L41 (a and b)	-2-(3-hydroxypyridyl)	-Cl	$-CF_3$
L42 (a and b)	-2-(3-hydroxypyridyl)	$-CF_3$	-Cl
L43 (a and b)	-2-(3-hydroxypyridyl)	$-CH_3$	$-CF_3$
L44 (a and b)	-2-(3-hydroxypyridyl)	$-SCF_3$	-Cl
L45 (a and b)	-2-(3-hydroxypyridyl)	-F	$-CF_3$
L46 (a and b)	-2-(3-hydroxypyridyl)	$-CF_3$	-F
L47 (a and b)	-2-(3-hydroxypyridyl)	-CN	$-CF_3$
L48 (a and b)	-2-(3-hydroxypyridyl)	$-OCF_3$	-Cl
L49 (a and b)	-2-(3-nitropyridyl)	-Cl	$-CF_3$
L50 (a and b)	-2-(3-nitropyridyl)	$-CF_3$	-Cl
L51 (a and b)	-2-(3-nitropyridyl)	$-CH_3$	$-CF_3$

Compound	Ar^1	R_{8a}	R_{8b}
L52 (a and b)	-2-(3-nitropyridyl)	$-SCF_3$	-Cl
L53 (a and b)	-2-(3-nitropyridyl)	-F	$-CF_3$
L54 (a and b)	-2-(3-nitropyridyl)	$-CF_3$	-F
L55 (a and b)	-2-(3-nitropyridyl)	-CN	$-CF_3$
L56 (a and b)	-2-(3-nitropyridyl)	$-OCF_3$	-Cl
L57 (a and b)	-2-(3-cyanopyridyl)	-Cl	$-CF_3$
L58 (a and b)	-2-(3-cyanopyridyl)	$-CF_3$	-Cl
L59 (a and b)	-2-(3-cyanopyridyl)	$-CH_3$	$-CF_3$
L60 (a and b)	-2-(3-cyanopyridyl)	$-SCF_3$	-Cl
L61 (a and b)	-2-(3-cyanopyridyl)	-F	$-CF_3$
L62 (a and b)	-2-(3-cyanopyridyl)	$-CF_3$	-F
L63 (a and b)	-2-(3-cyanopyridyl)	-CN	$-CF_3$
L64 (a and b)	-2-(3-cyanopyridyl)	$-OCF_3$	-Cl
L65 (a and b)	-2-(3-bromopyridyl)	-Cl	$-CF_3$
L66 (a and b)	-2-(3-bromopyridyl)	$-CF_3$	-Cl
L67 (a and b)	-2-(3-bromopyridyl)	$-CH_3$	$-CF_3$
L68 (a and b)	-2-(3-bromopyridyl)	$-SCF_3$	-Cl
L69 (a and b)	-2-(3-bromopyridyl)	-F	$-CF_3$
L70 (a and b)	-2-(3-bromopyridyl)	$-CF_3$	-F
L71 (a and b)	-2-(3-bromopyridyl)	-CN	$-CF_3$
L72 (a and b)	-2-(3-bromopyridyl)	$-OCF_3$	-Cl
L73 (a and b)	-2-(3-iodopyridyl)	-Cl	$-CF_3$
L74 (a and b)	-2-(3-iodopyridyl)	$-CF_3$	-Cl
L75 (a and b)	-2-(3-iodopyridyl)	$-CH_3$	$-CF_3$
L76 (a and b)	-2-(3-iodopyridyl)	$-SCF_3$	-Cl
L77 (a and b)	-2-(3-iodopyridyl)	-F	$-CF_3$
L78 (a and b)	-2-(3-iodopyridyl)	$-CF_3$	-F
L79 (a and b)	-2-(3-iodopyridyl)	-CN	$-CF_3$
L80 (a and b)	-2-(3-iodopyridyl)	$-OCF_3$	-Cl
L81 (a and b)	-4-(5-chloropyrimidinyl)	-Cl	$-CF_3$
L82 (a and b)	-4-(5-chloropyrimidinyl)	$-CF_3$	-Cl
L83 (a and b)	-4-(5-chloropyrimidinyl)	$-CH_3$	$-CF_3$
L84 (a and b)	-4-(5-chloropyrimidinyl)	$-SCF_3$	-Cl

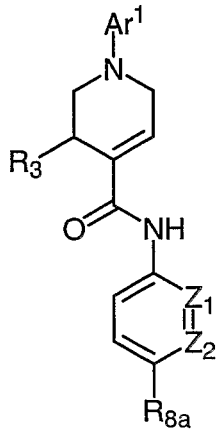
Compound	Ar^1	R_{8a}	R_{8b}
L85 (a and b)	-4-(5-chloropyrimidinyl)	-F	$-CF_3$
L86 (a and b)	-4-(5-chloropyrimidinyl)	$-CF_3$	-F
L87 (a and b)	-4-(5-chloropyrimidinyl)	-CN	$-CF_3$
L88 (a and b)	-4-(5-chloropyrimidinyl)	$-OCF_3$	-Cl
L89 (a and b)	-4-(5-methylpyrimidinyl)	-Cl	$-CF_3$
L90 (a and b)	-4-(5-methylpyrimidinyl)	$-CF_3$	-Cl
L91 (a and b)	-4-(5-methylpyrimidinyl)	$-CH_3$	$-CF_3$
L92 (a and b)	-4-(5-methylpyrimidinyl)	$-SCF_3$	-Cl
L93 (a and b)	-4-(5-methylpyrimidinyl)	-F	$-CF_3$
L94 (a and b)	-4-(5-methylpyrimidinyl)	$-CF_3$	-F
L95 (a and b)	-4-(5-methylpyrimidinyl)	-CN	$-CF_3$
L96 (a and b)	-4-(5-methylpyrimidinyl)	$-OCF_3$	-Cl
L97 (a and b)	-4-(5-fluoropyrimidinyl)	-Cl	$-CF_3$
L98 (a and b)	-4-(5-fluoropyrimidinyl)	$-CF_3$	-Cl
L99 (a and b)	-4-(5-fluoropyrimidinyl)	$-CH_3$	$-CF_3$
L100 (a and b)	-4-(5-fluoropyrimidinyl)	$-SCF_3$	-Cl
L101 (a and b)	-4-(5-fluoropyrimidinyl)	-F	$-CF_3$
L102 (a and b)	-4-(5-fluoropyrimidinyl)	$-CF_3$	-F
L103 (a and b)	-4-(5-fluoropyrimidinyl)	-CN	$-CF_3$
L104 (a and b)	-4-(5-fluoropyrimidinyl)	$-OCF_3$	-Cl
L105 (a and b)	-2-(3-chloropyrazinyl)	-Cl	$-CF_3$
L106 (a and b)	-2-(3-chloropyrazinyl)	$-CF_3$	-Cl
L107 (a and b)	-2-(3-chloropyrazinyl)	$-CH_3$	$-CF_3$
L108 (a and b)	-2-(3-chloropyrazinyl)	$-SCF_3$	-Cl
L109 (a and b)	-2-(3-chloropyrazinyl)	-F	$-CF_3$
L110 (a and b)	-2-(3-chloropyrazinyl)	$-CF_3$	-F
L111 (a and b)	-2-(3-chloropyrazinyl)	-CN	$-CF_3$
L112 (a and b)	-2-(3-chloropyrazinyl)	$-OCF_3$	-Cl
L113 (a and b)	-2-(3-methylpyrazinyl)	-Cl	$-CF_3$
L114 (a and b)	-2-(3-methylpyrazinyl)	$-CF_3$	-Cl
L115 (a and b)	-2-(3-methylpyrazinyl)	$-CH_3$	$-CF_3$
L116 (a and b)	-2-(3-methylpyrazinyl)	$-SCF_3$	-Cl
L117 (a and b)	-2-(3-methylpyrazinyl)	-F	$-CF_3$

Compound	Ar^1	R_{8a}	R_{8b}
L118 (a and b)	-2-(3-methylpyrazinyl)	$-CF_3$	-F
L119 (a and b)	-2-(3-methylpyrazinyl)	-CN	$-CF_3$
L120 (a and b)	-2-(3-methylpyrazinyl)	$-OCF_3$	-Cl
L121 (a and b)	-2-(3-fluoropyrazinyl)	-Cl	$-CF_3$
L122 (a and b)	-2-(3-fluoropyrazinyl)	$-CF_3$	-Cl
L123 (a and b)	-2-(3-fluoropyrazinyl)	$-CH_3$	$-CF_3$
L124 (a and b)	-2-(3-fluoropyrazinyl)	$-SCF_3$	-Cl
L125 (a and b)	-2-(3-fluoropyrazinyl)	-F	$-CF_3$
L126 (a and b)	-2-(3-fluoropyrazinyl)	$-CF_3$	-F
L127 (a and b)	-2-(3-fluoropyrazinyl)	-CN	$-CF_3$
L128 (a and b)	-2-(3-fluoropyrazinyl)	$-OCF_3$	-Cl
L129 (a and b)	-3-(4-chloropyridazinyl)	-Cl	$-CF_3$
L130 (a and b)	-3-(4-chloropyridazinyl)	$-CF_3$	-Cl
L131 (a and b)	-3-(4-chloropyridazinyl)	$-CH_3$	$-CF_3$
L132 (a and b)	-3-(4-chloropyridazinyl)	$-SCF_3$	-Cl
L133 (a and b)	-3-(4-chloropyridazinyl)	-F	$-CF_3$
L134 (a and b)	-3-(4-chloropyridazinyl)	$-CF_3$	-F
L135 (a and b)	-3-(4-chloropyridazinyl)	-CN	$-CF_3$
L136 (a and b)	-3-(4-chloropyridazinyl)	$-OCF_3$	-Cl
L137 (a and b)	-3-(4-methylpyridazinyl)	-Cl	$-CF_3$
L138 (a and b)	-3-(4-methylpyridazinyl)	$-CF_3$	-Cl
L139 (a and b)	-3-(4-methylpyridazinyl)	$-CH_3$	$-CF_3$
L140 (a and b)	-3-(4-methylpyridazinyl)	$-SCF_3$	-Cl
L141 (a and b)	-3-(4-methylpyridazinyl)	-F	$-CF_3$
L142 (a and b)	-3-(4-methylpyridazinyl)	$-CF_3$	-F
L143 (a and b)	-3-(4-methylpyridazinyl)	-CN	$-CF_3$
L144 (a and b)	-3-(4-methylpyridazinyl)	$-OCF_3$	-Cl
L145 (a and b)	-3-(4-fluoropyridazinyl)	-Cl	$-CF_3$
L146 (a and b)	-3-(4-fluoropyridazinyl)	$-CF_3$	-Cl
L147 (a and b)	-3-(4-fluoropyridazinyl)	$-CH_3$	$-CF_3$
L148 (a and b)	-3-(4-fluoropyridazinyl)	$-SCF_3$	-Cl
L149 (a and b)	-3-(4-fluoropyridazinyl)	-F	$-CF_3$
L150 (a and b)	-3-(4-fluoropyridazinyl)	$-CF_3$	-F

Compound	Ar^1	R_{8a}	R_{8b}
L151 (a and b)	-3-(4-fluoropyridazinyl)	-CN	$-CF_3$
L152 (a and b)	-3-(4-fluoropyridazinyl)	$-OCF_3$	-Cl
L153 (a and b)	-5-(4-chlorothiadiazolyl)	-Cl	$-CF_3$
L154 (a and b)	-5-(4-chlorothiadiazolyl)	$-CF_3$	-Cl
L155 (a and b)	-5-(4-chlorothiadiazolyl)	$-CH_3$	$-CF_3$
L156 (a and b)	-5-(4-chlorothiadiazolyl)	$-SCF_3$	-Cl
L157 (a and b)	-5-(4-chlorothiadiazolyl)	-F	$-CF_3$
L158 (a and b)	-5-(4-chlorothiadiazolyl)	$-CF_3$	-F
L159 (a and b)	-5-(4-chlorothiadiazolyl)	-CN	$-CF_3$
L160 (a and b)	-5-(4-chlorothiadiazolyl)	$-OCF_3$	-Cl
L161 (a and b)	-5-(4-methylthiadiazolyl)	-Cl	$-CF_3$
L162 (a and b)	-5-(4-methylthiadiazolyl)	$-CF_3$	-Cl
L163 (a and b)	-5-(4-methylthiadiazolyl)	$-CH_3$	$-CF_3$
L164 (a and b)	-5-(4-methylthiadiazolyl)	$-SCF_3$	-Cl
L165 (a and b)	-5-(4-methylthiadiazolyl)	-F	$-CF_3$
L166 (a and b)	-5-(4-methylthiadiazolyl)	$-CF_3$	-F
L167 (a and b)	-5-(4-methylthiadiazolyl)	-CN	$-CF_3$
L168 (a and b)	-5-(4-methylthiadiazolyl)	$-OCF_3$	-Cl
L169 (a and b)	-5-(4-fluorothiadiazolyl)	-Cl	$-CF_3$
L170 (a and b)	-5-(4-fluorothiadiazolyl)	$-CF_3$	-Cl
L171 (a and b)	-5-(4-fluorothiadiazolyl)	$-CH_3$	$-CF_3$
L172 (a and b)	-5-(4-fluorothiadiazolyl)	$-SCF_3$	-Cl
L173 (a and b)	-5-(4-fluorothiadiazolyl)	-F	$-CF_3$
L174 (a and b)	-5-(4-fluorothiadiazolyl)	$-CF_3$	-F
L175 (a and b)	-5-(4-fluorothiadiazolyl)	-CN	$-CF_3$
L176 (a and b)	-5-(4-fluorothiadiazolyl)	$-OCF_3$	-Cl

(a) means that R_3 is -H.
(b) means that R_3 is $-CH_3$.

Table 13



(Im)

and pharmaceutically acceptable salts thereof, wherein:

Compound	Ar^1	Z_1	Z_2	R_{8a}
M1 (a and b)	-2-(3-chloropyridyl)	N	CH	$-CF_3$
M2 (a and b)	-2-(3-fluoropyridyl)	N	CH	$-CF_3$
M3 (a and b)	-2-(3-methylpyridyl)	N	CH	$-CF_3$
M4 (a and b)	-2-(3-CF_3-pyridyl)	N	CH	$-CF_3$
M5 (a and b)	-2-(3-CHF_2-pyridyl)	N	CH	$-CF_3$
M6 (a and b)	-2-(3-hydroxypyridyl)	N	CH	$-CF_3$
M7 (a and b)	-2-(3-nitropyridyl)	N	CH	$-CF_3$
M8 (a and b)	-2-(3-cyanopyridyl)	N	CH	$-CF_3$
M9 (a and b)	-2-(3-bromopyridyl)	N	CH	$-CF_3$
M10 (a and b)	-2-(3-iodopyridyl)	N	CH	$-CF_3$
M11 (a and b)	-4-(5-chloropyrimidinyl)	N	CH	$-CF_3$
M12 (a and b)	-4-(5-methylpyrimidinyl)	N	CH	$-CF_3$
M13 (a and b)	-4-(5-fluoropyrimidinyl)	N	CH	$-CF_3$
M14 (a and b)	-2-(3-chloropyrazinyl)	N	CH	$-CF_3$
M15 (a and b)	-2-(3-methylpyrazinyl)	N	CH	$-CF_3$
M16 (a and b)	-2-(3-fluoropyrazinyl)	N	CH	$-CF_3$
M17 (a and b)	-3-(4-chloropyridazinyl)	N	CH	$-CF_3$

Compound	Ar^1	Z_1	Z_2	R_{8a}
M18 (a and b)	-3-(4-methylpyridazinyl)	N	CH	$-CF_3$
M19 (a and b)	-3-(4-fluoropyridazinyl)	N	CH	$-CF_3$
M20 (a and b)	-5-(4-chlorothiadiazolyl)	N	CH	$-CF_3$
M21 (a and b)	-5-(4-methylthiadiazolyl)	N	N	$-CF_3$
M22 (a and b)	-5-(4-fluorothiadiazolyl)	N	CH	$-CF_3$
M23 (a and b)	-2-(3-chloropyridyl)	CH	N	$-CF_3$
M24 (a and b)	-2-(3-fluoropyridyl)	CH	N	$-CF_3$
M25 (a and b)	-2-(3-methylpyridyl)	CH	N	$-CF_3$
M26 (a and b)	-2-(3-CF_3-pyridyl)	CH	N	$-CF_3$
M27 (a and b)	-2-(3-CHF_2-pyridyl)	CH	N	$-CF_3$
M28 (a and b)	-2-(3-hydroxypyridyl)	CH	N	$-CF_3$
M29 (a and b)	-2-(3-nitropyridyl)	CH	N	$-CF_3$
M30 (a and b)	-2-(3-cyanopyridyl)	CH	N	$-CF_3$
M31 (a and b)	-2-(3-bromopyridyl)	CH	N	$-CF_3$
M32 (a and b)	-2-(3-iodopyridyl)	CH	N	$-CF_3$
M33 (a and b)	-4-(5-chloropyrimidinyl)	CH	N	$-CF_3$
M34 (a and b)	-4-(5-methylpyrimidinyl)	CH	N	$-CF_3$
M35 (a and b)	-4-(5-fluoropyrimidinyl)	CH	N	$-CF_3$
M36 (a and b)	-2-(3-chloropyrazinyl)	CH	N	$-CF_3$
M37 (a and b)	-2-(3-methylpyrazinyl)	CH	N	$-CF_3$
M38 (a and b)	-2-(3-fluoropyrazinyl)	CH	N	$-CF_3$
M39 (a and b)	-3-(4-chloropyridazinyl)	CH	N	$-CF_3$
M40 (a and b)	-3-(4-methylpyridazinyl)	CH	N	$-CF_3$
M41 (a and b)	-3-(4-fluoropyridazinyl)	CH	N	$-CF_3$
M42 (a and b)	-5-(4-chlorothiadiazolyl)	CH	N	$-CF_3$
M43 (a and b)	-5-(4-methylthiadiazolyl)	N	N	$-CF_3$
M44 (a and b)	-5-(4-fluorothiadiazolyl)	CH	N	$-CF_3$
M45 (a and b)	-2-(3-chloropyridyl)	N	CH	-*tert*-butyl
M46 (a and b)	-2-(3-fluoropyridyl)	N	CH	-*tert*-butyl
M47 (a and b)	-2-(3-methylpyridyl)	N	CH	-*tert*-butyl
M48 (a and b)	-2-(3-CF_3-pyridyl)	N	CH	-*tert*-butyl

Compound	Ar^1	Z_1	Z_2	R_{8a}
M49 (a and b)	-2-(3-CHF_2-pyridyl)	N	CH	-*tert*-butyl
M50 (a and b)	-2-(3-hydroxypyridyl)	N	CH	-*tert*-butyl
M51 (a and b)	-2-(3-nitropyridyl)	N	CH	-*tert*-butyl
M52 (a and b)	-2-(3-cyanopyridyl)	N	CH	-*tert*-butyl
M53 (a and b)	-2-(3-bromopyridyl)	N	CH	-*tert*-butyl
M54 (a and b)	-2-(3-iodopyridyl)	N	CH	-*tert*-butyl
M55 (a and b)	-4-(5-chloropyrimidinyl)	N	CH	-*tert*-butyl
M56 (a and b)	-4-(5-methylpyrimidinyl)	N	CH	-*tert*-butyl
M57 (a and b)	-4-(5-fluoropyrimidinyl)	N	CH	-*tert*-butyl
M58 (a and b)	-2-(3-chloropyrazinyl)	N	CH	-*tert*-butyl
M59 (a and b)	-2-(3-methylpyrazinyl)	N	CH	-*tert*-butyl
M60 (a and b)	-2-(3-fluoropyrazinyl)	N	CH	-*tert*-butyl
M61 (a and b)	-3-(4-chloropyridazinyl)	N	CH	-*tert*-butyl
M62 (a and b)	-3-(4-methylpyridazinyl)	N	CH	-*tert*-butyl
M63 (a and b)	-3-(4-fluoropyridazinyl)	N	CH	-*tert*-butyl
M64 (a and b)	-5-(4-chlorothiadiazolyl)	N	CH	-*tert*-butyl
M65 (a and b)	-5-(4-methylthiadiazolyl)	N	N	-*tert*-butyl
M66 (a and b)	-5-(4-fluorothiadiazolyl)	N	CH	-*tert*-butyl
M67 (a and b)	-2-(3-chloropyridyl)	CH	N	-*tert*-butyl
M68 (a and b)	-2-(3-fluoropyridyl)	CH	N	-*tert*-butyl
M69 (a and b)	-2-(3-methylpyridyl)	CH	N	-*tert*-butyl
M70 (a and b)	-2-(3-CF_3-pyridyl)	CH	N	-*tert*-butyl
M71 (a and b)	-2-(3-CHF_2-pyridyl)	CH	N	-*tert*-butyl
M72 (a and b)	-2-(3-hydroxypyridyl)	CH	N	-*tert*-butyl
M73 (a and b)	-2-(3-nitropyridyl)	CH	N	-*tert*-butyl
M74 (a and b)	-2-(3-cyanopyridyl)	CH	N	-*tert*-butyl
M75 (a and b)	-2-(3-bromopyridyl)	CH	N	-*tert*-butyl
M76 (a and b)	-2-(3-iodopyridyl)	CH	N	-*tert*-butyl
M77 (a and b)	-4-(5-chloropyrimidinyl)	CH	N	-*tert*-butyl
M78 (a and b)	-4-(5-methylpyrimidinyl)	CH	N	-*tert*-butyl
M79 (a and b)	-4-(5-fluoropyrimidinyl)	CH	N	-*tert*-butyl

Compound	Ar^1	Z_1	Z_2	R_{8a}
M80 (a and b)	-2-(3-chloropyrazinyl)	CH	N	-*tert*-butyl
M81 (a and b)	-2-(3-methylpyrazinyl)	CH	N	-*tert*-butyl
M82 (a and b)	-2-(3-fluoropyrazinyl)	CH	N	-*tert*-butyl
M83 (a and b)	-3-(4-chloropyridazinyl)	CH	N	-*tert*-butyl
M84 (a and b)	-3-(4-methylpyridazinyl)	CH	N	-*tert*-butyl
M85 (a and b)	-3-(4-fluoropyridazinyl)	CH	N	-*tert*-butyl
M86 (a and b)	-5-(4-chlorothiadiazolyl)	CH	N	-*tert*-butyl
M87 (a and b)	-5-(4-methylthiadiazolyl)	N	N	-*tert*-butyl
M88 (a and b)	-5-(4-fluorothiadiazolyl)	CH	N	-*tert*-butyl
M89 (a and b)	-2-(3-chloropyridyl)	N	CH	-*iso*-butyl
M90 (a and b)	-2-(3-fluoropyridyl)	N	CH	-*iso*-butyl
M91 (a and b)	-2-(3-methylpyridyl)	N	CH	-*iso*-butyl
M92 (a and b)	-2-(3-CF_3-pyridyl)	N	CH	-*iso*-butyl
M93 (a and b)	-2-(3-CHF_2-pyridyl)	N	CH	-*iso*-butyl
M94 (a and b)	-2-(3-hydroxypyridyl)	N	CH	-*iso*-butyl
M95 (a and b)	-2-(3-nitropyridyl)	N	CH	-*iso*-butyl
M96 (a and b)	-2-(3-cyanopyridyl)	N	CH	-*iso*-butyl
M97 (a and b)	-2-(3-bromopyridyl)	N	CH	-*iso*-butyl
M98 (a and b)	-2-(3-iodopyridyl)	N	CH	-*iso*-butyl
M99 (a and b)	-4-(5-chloropyrimidinyl)	N	CH	-*iso*-butyl
M100 (a and b)	-4-(5-methylpyrimidinyl)	N	CH	-*iso*-butyl
M101 (a and b)	-4-(5-fluoropyrimidinyl)	N	CH	-*iso*-butyl
M102 (a and b)	-2-(3-chloropyrazinyl)	N	CH	-*iso*-butyl
M103 (a and b)	-2-(3-methylpyrazinyl)	N	CH	-*iso*-butyl
M104 (a and b)	-2-(3-fluoropyrazinyl)	N	CH	-*iso*-butyl
M105 (a and b)	-3-(4-chloropyridazinyl)	N	CH	-*iso*-butyl
M106 (a and b)	-3-(4-methylpyridazinyl)	N	CH	-*iso*-butyl
M107 (a and b)	-3-(4-fluoropyridazinyl)	N	CH	-*iso*-butyl
M108 (a and b)	-5-(4-chlorothiadiazolyl)	N	CH	-*iso*-butyl
M109 (a and b)	-5-(4-methylthiadiazolyl)	N	N	-*iso*-butyl
M110 (a and b)	-5-(4-fluorothiadiazolyl)	N	CH	-*iso*-butyl

Compound	Ar^1	Z_1	Z_2	R_{8a}
M111 (a and b)	-2-(3-chloropyridyl)	CH	N	-*iso*-butyl
M112 (a and b)	-2-(3-fluoropyridyl)	CH	N	-*iso*-butyl
M113 (a and b)	-2-(3-methylpyridyl)	CH	N	-*iso*-butyl
M114 (a and b)	-2-(3-CF_3-pyridyl)	CH	N	-*iso*-butyl
M115 (a and b)	-2-(3-CHF_2-pyridyl)	CH	N	-*iso*-butyl
M116 (a and b)	-2-(3-hydroxypyridyl)	CH	N	-*iso*-butyl
M117 (a and b)	-2-(3-nitropyridyl)	CH	N	-*iso*-butyl
M118 (a and b)	-2-(3-cyanopyridyl)	CH	N	-*iso*-butyl
M119 (a and b)	-2-(3-bromopyridyl)	CH	N	-*iso*-butyl
M120 (a and b)	-2-(3-iodopyridyl)	CH	N	-*iso*-butyl
M121 (a and b)	-4-(5-chloropyrimidinyl)	CH	N	-*iso*-butyl
M122 (a and b)	-4-(5-methylpyrimidinyl)	CH	N	-*iso*-butyl
M123 (a and b)	-4-(5-fluoropyrimidinyl)	CH	N	-*iso*-butyl
M124 (a and b)	-2-(3-chloropyrazinyl)	CH	N	-*iso*-butyl
M125 (a and b)	-2-(3-methylpyrazinyl)	CH	N	-*iso*-butyl
M126 (a and b)	-2-(3-fluoropyrazinyl)	CH	N	-*iso*-butyl
M127 (a and b)	-3-(4-chloropyridazinyl)	CH	N	-*iso*-butyl
M128 (a and b)	-3-(4-methylpyridazinyl)	CH	N	-*iso*-butyl
M129 (a and b)	-3-(4-fluoropyridazinyl)	CH	N	-*iso*-butyl
M130 (a and b)	-5-(4-chlorothiadiazolyl)	CH	N	-*iso*-butyl
M131 (a and b)	-5-(4-methylthiadiazolyl)	N	N	-*iso*-butyl
M132 (a and b)	-5-(4-fluorothiadiazolyl)	CH	N	-*iso*-butyl
M133 (a and b)	-2-(3-chloropyridyl)	N	CH	-*sec*-butyl
M134 (a and b)	-2-(3-fluoropyridyl)	N	CH	-*sec*-butyl
M135 (a and b)	-2-(3-methylpyridyl)	N	CH	-*sec*-butyl
M136 (a and b)	-2-(3-CF_3-pyridyl)	N	CH	-*sec*-butyl
M137 (a and b)	-2-(3-CHF_2-pyridyl)	N	CH	-*sec*-butyl
M138 (a and b)	-2-(3-hydroxypyridyl)	N	CH	-*sec*-butyl
M139 (a and b)	-2-(3-nitropyridyl)	N	CH	-*sec*-butyl
M140 (a and b)	-2-(3-cyanopyridyl)	N	CH	-*sec*-butyl
M141 (a and b)	-2-(3-bromopyridyl)	N	CH	-*sec*-butyl

Compound	Ar^1	Z_1	Z_2	R_{8a}
M142 (a and b)	-2-(3-iodopyridyl)	N	CH	-*sec*-butyl
M143 (a and b)	-4-(5-chloropyrimidinyl)	N	CH	-*sec*-butyl
M144 (a and b)	-4-(5-methylpyrimidinyl)	N	CH	-*sec*-butyl
M145 (a and b)	-4-(5-fluoropyrimidinyl)	N	CH	-*sec*-butyl
M146 (a and b)	-2-(3-chloropyrazinyl)	N	CH	-*sec*-butyl
M147 (a and b)	-2-(3-methylpyrazinyl)	N	CH	-*sec*-butyl
M148 (a and b)	-2-(3-fluoropyrazinyl)	N	CH	-*sec*-butyl
M149 (a and b)	-3-(4-chloropyridazinyl)	N	CH	-*sec*-butyl
M150 (a and b)	-3-(4-methylpyridazinyl)	N	CH	-*sec*-butyl
M151 (a and b)	-3-(4-fluoropyridazinyl)	N	CH	-*sec*-butyl
M152 (a and b)	-5-(4-chlorothiadiazolyl)	N	CH	-*sec*-butyl
M153 (a and b)	-5-(4-methylthiadiazolyl)	N	N	-*sec*-butyl
M154 (a and b)	-5-(4-fluorothiadiazolyl)	N	CH	-*sec*-butyl
M155 (a and b)	-2-(3-chloropyridyl)	CH	N	-*sec*-butyl
M156 (a and b)	-2-(3-fluoropyridyl)	CH	N	-*sec*-butyl
M157 (a and b)	-2-(3-methylpyridyl)	CH	N	-*sec*-butyl
M158 (a and b)	-2-(3-CF_3-pyridyl)	CH	N	-*sec*-butyl
M159 (a and b)	-2-(3-CHF_2-pyridyl)	CH	N	-*sec*-butyl
M160 (a and b)	-2-(3-hydroxypyridyl)	CH	N	-*sec*-butyl
M161 (a and b)	-2-(3-nitropyridyl)	CH	N	-*sec*-butyl
M162 (a and b)	-2-(3-cyanopyridyl)	CH	N	-*sec*-butyl
M163 (a and b)	-2-(3-bromopyridyl)	CH	N	-*sec*-butyl
M164 (a and b)	-2-(3-iodopyridyl)	CH	N	-*sec*-butyl
M165 (a and b)	-4-(5-chloropyrimidinyl)	CH	N	-*sec*-butyl
M166 (a and b)	-4-(5-methylpyrimidinyl)	CH	N	-*sec*-butyl
M167 (a and b)	-4-(5-fluoropyrimidinyl)	CH	N	-*sec*-butyl
M168 (a and b)	-2-(3-chloropyrazinyl)	CH	N	-*sec*-butyl
M169 (a and b)	-2-(3-methylpyrazinyl)	CH	N	-*sec*-butyl
M170 (a and b)	-2-(3-fluoropyrazinyl)	CH	N	-*sec*-butyl
M171 (a and b)	-3-(4-chloropyridazinyl)	CH	N	-*sec*-butyl
M172 (a and b)	-3-(4-methylpyridazinyl)	CH	N	-*sec*-butyl

Compound	Ar^1	Z_1	Z_2	R_{8a}
M173 (a and b)	-3-(4-fluoropyridazinyl)	CH	N	-*sec*-butyl
M174 (a and b)	-5-(4-chlorothiadiazolyl)	CH	N	-*sec*-butyl
M175 (a and b)	-5-(4-methylthiadiazolyl)	N	N	-*sec*-butyl
M176 (a and b)	-5-(4-fluorothiadiazolyl)	CH	N	-*sec*-butyl
M177 (a and b)	-2-(3-chloropyridyl)	N	CH	-*iso*-propyl
M178 (a and b)	-2-(3-fluoropyridyl)	N	CH	-*iso*-propyl
M179 (a and b)	-2-(3-methylpyridyl)	N	CH	-*iso*-propyl
M180 (a and b)	-2-(3-CF_3-pyridyl)	N	CH	-*iso*-propyl
M181 (a and b)	-2-(3-CHF_2-pyridyl)	N	CH	-*iso*-propyl
M182 (a and b)	-2-(3-hydroxypyridyl)	N	CH	-*iso*-propyl
M183 (a and b)	-2-(3-nitropyridyl)	N	CH	-*iso*-propyl
M184 (a and b)	-2-(3-cyanopyridyl)	N	CH	-*iso*-propyl
M185 (a and b)	-2-(3-bromopyridyl)	N	CH	-*iso*-propyl
M186 (a and b)	-2-(3-iodopyridyl)	N	CH	-*iso*-propyl
M187 (a and b)	-4-(5-chloropyrimidinyl)	N	CH	-*iso*-propyl
M188 (a and b)	-4-(5-methylpyrimidinyl)	N	CH	-*iso*-propyl
M189 (a and b)	-4-(5-fluoropyrimidinyl)	N	CH	-*iso*-propyl
M190 (a and b)	-2-(3-chloropyrazinyl)	N	CH	-*iso*-propyl
M191 (a and b)	-2-(3-methylpyrazinyl)	N	CH	-*iso*-propyl
M192 (a and b)	-2-(3-fluoropyrazinyl)	N	CH	-*iso*-propyl
M193 (a and b)	-3-(4-chloropyridazinyl)	N	CH	-*iso*-propyl
M194 (a and b)	-3-(4-methylpyridazinyl)	N	CH	-*iso*-propyl
M195 (a and b)	-3-(4-fluoropyridazinyl)	N	CH	-*iso*-propyl
M196 (a and b)	-5-(4-chlorothiadiazolyl)	N	CH	-*iso*-propyl
M197 (a and b)	-5-(4-methylthiadiazolyl)	N	N	-*iso*-propyl
M198 (a and b)	-5-(4-fluorothiadiazolyl)	N	CH	-*iso*-propyl
M199 (a and b)	-2-(3-chloropyridyl)	CH	N	-*iso*-propyl
M200 (a and b)	-2-(3-fluoropyridyl)	CH	N	-*iso*-propyl
M201 (a and b)	-2-(3-methylpyridyl)	CH	N	-*iso*-propyl
M202 (a and b)	-2-(3-CF_3-pyridyl)	CH	N	-*iso*-propyl
M203 (a and b)	-2-(3-CHF_2-pyridyl)	CH	N	-*iso*-propyl

Compound	Ar^1	Z_1	Z_2	R_{8a}
M204 (a and b)	-2-(3-hydroxypyridyl)	CH	N	-*iso*-propyl
M205 (a and b)	-2-(3-nitropyridyl)	CH	N	-*iso*-propyl
M206 (a and b)	-2-(3-cyanopyridyl)	CH	N	-*iso*-propyl
M207 (a and b)	-2-(3-bromopyridyl)	CH	N	-*iso*-propyl
M208 (a and b)	-2-(3-iodopyridyl)	CH	N	-*iso*-propyl
M209 (a and b)	-4-(5-chloropyrimidinyl)	CH	N	-*iso*-propyl
M210 (a and b)	-4-(5-methylpyrimidinyl)	CH	N	-*iso*-propyl
M211 (a and b)	-4-(5-fluoropyrimidinyl)	CH	N	-*iso*-propyl
M212 (a and b)	-2-(3-chloropyrazinyl)	CH	N	-*iso*-propyl
M213 (a and b)	-2-(3-methylpyrazinyl)	CH	N	-*iso*-propyl
M214 (a and b)	-2-(3-fluoropyrazinyl)	CH	N	-*iso*-propyl
M215 (a and b)	-3-(4-chloropyridazinyl)	CH	N	-*iso*-propyl
M216 (a and b)	-3-(4-methylpyridazinyl)	CH	N	-*iso*-propyl
M217 (a and b)	-3-(4-fluoropyridazinyl)	CH	N	-*iso*-propyl
M218 (a and b)	-5-(4-chlorothiadiazolyl)	CH	N	-*iso*-propyl
M219 (a and b)	-5-(4-methylthiadiazolyl)	N	N	-*iso*-propyl
M220 (a and b)	-5-(4-fluorothiadiazolyl)	CH	N	-*iso*-propyl
M221 (a and b)	-2-(3-chloropyridyl)	N	CH	-cyclohexyl
M222 (a and b)	-2-(3-fluoropyridyl)	N	CH	-cyclohexyl
M223 (a and b)	-2-(3-methylpyridyl)	N	CH	-cyclohexyl
M224 (a and b)	-2-(3-CF_3-pyridyl)	N	CH	-cyclohexyl
M225 (a and b)	-2-(3-CHF_2-pyridyl)	N	CH	-cyclohexyl
M226 (a and b)	-2-(3-hydroxypyridyl)	N	CH	-cyclohexyl
M227 (a and b)	-2-(3-nitropyridyl)	N	CH	-cyclohexyl
M228 (a and b)	-2-(3-cyanopyridyl)	N	CH	-cyclohexyl
M229 (a and b)	-2-(3-bromopyridyl)	N	CH	-cyclohexyl
M230 (a and b)	-2-(3-iodopyridyl)	N	CH	-cyclohexyl
M231 (a and b)	-4-(5-chloropyrimidinyl)	N	CH	-cyclohexyl
M232 (a and b)	-4-(5-methylpyrimidinyl)	N	CH	-cyclohexyl
M233 (a and b)	-4-(5-fluoropyrimidinyl)	N	CH	-cyclohexyl
M234 (a and b)	-2-(3-chloropyrazinyl)	N	CH	-cyclohexyl

Compound	Ar^1	Z_1	Z_2	R_{8a}
M235 (a and b)	-2-(3-methylpyrazinyl)	N	CH	-cyclohexyl
M236 (a and b)	-2-(3-fluoropyrazinyl)	N	CH	-cyclohexyl
M237 (a and b)	-3-(4-chloropyridazinyl)	N	CH	-cyclohexyl
M238 (a and b)	-3-(4-methylpyridazinyl)	N	CH	-cyclohexyl
M239 (a and b)	-3-(4-fluoropyridazinyl)	N	CH	-cyclohexyl
M240 (a and b)	-5-(4-chlorothiadiazolyl)	N	CH	-cyclohexyl
M241 (a and b)	-5-(4-methylthiadiazolyl)	N	N	-cyclohexyl
M242 (a and b)	-5-(4-fluorothiadiazolyl)	N	CH	-cyclohexyl
M243 (a and b)	-2-(3-chloropyridyl)	CH	N	-cyclohexyl
M244 (a and b)	-2-(3-fluoropyridyl)	CH	N	-cyclohexyl
M245 (a and b)	-2-(3-methylpyridyl)	CH	N	-cyclohexyl
M246 (a and b)	-2-(3-CF_3-pyridyl)	CH	N	-cyclohexyl
M247 (a and b)	-2-(3-CHF_2-pyridyl)	CH	N	-cyclohexyl
M248 (a and b)	-2-(3-hydroxypyridyl)	CH	N	-cyclohexyl
M249 (a and b)	-2-(3-nitropyridyl)	CH	N	-cyclohexyl
M250 (a and b)	-2-(3-cyanopyridyl)	CH	N	-cyclohexyl
M251 (a and b)	-2-(3-bromopyridyl)	CH	N	-cyclohexyl
M252 (a and b)	-2-(3-iodopyridyl)	CH	N	-cyclohexyl
M253 (a and b)	-4-(5-chloropyrimidinyl)	CH	N	-cyclohexyl
M254 (a and b)	-4-(5-methylpyrimidinyl)	CH	N	-cyclohexyl
M255 (a and b)	-4-(5-fluoropyrimidinyl)	CH	N	-cyclohexyl
M256 (a and b)	-2-(3-chloropyrazinyl)	CH	N	-cyclohexyl
M257 (a and b)	-2-(3-methylpyrazinyl)	CH	N	-cyclohexyl
M258 (a and b)	-2-(3-fluoropyrazinyl)	CH	N	-cyclohexyl
M259 (a and b)	-3-(4-chloropyridazinyl)	CH	N	-cyclohexyl
M260 (a and b)	-3-(4-methylpyridazinyl)	CH	N	-cyclohexyl
M261 (a and b)	-3-(4-fluoropyridazinyl)	CH	N	-cyclohexyl
M262 (a and b)	-5-(4-chlorothiadiazolyl)	CH	N	-cyclohexyl
M263 (a and b)	-5-(4-methylthiadiazolyl)	N	N	-cyclohexyl
M264 (a and b)	-5-(4-fluorothiadiazolyl)	CH	N	-cyclohexyl
M265 (a and b)	-2-(3-chloropyridyl)	N	CH	$-CH_2CF_3$

Compound	Ar^1	Z_1	Z_2	R_{8a}
M266 (a and b)	-2-(3-fluoropyridyl)	N	CH	$-CH_2CF_3$
M267 (a and b)	-2-(3-methylpyridyl)	N	CH	$-CH_2CF_3$
M268 (a and b)	-2-(3-CF_3-pyridyl)	N	CH	$-CH_2CF_3$
M269 (a and b)	-2-(3-CHF_2-pyridyl)	N	CH	$-CH_2CF_3$
M270 (a and b)	-2-(3-hydroxypyridyl)	N	CH	$-CH_2CF_3$
M271 (a and b)	-2-(3-nitropyridyl)	N	CH	$-CH_2CF_3$
M272 (a and b)	-2-(3-cyanopyridyl)	N	CH	$-CH_2CF_3$
M273 (a and b)	-2-(3-bromopyridyl)	N	CH	$-CH_2CF_3$
M274 (a and b)	-2-(3-iodopyridyl)	N	CH	$-CH_2CF_3$
M275 (a and b)	-4-(5-chloropyrimidinyl)	N	CH	$-CH_2CF_3$
M276 (a and b)	-4-(5-methylpyrimidinyl)	N	CH	$-CH_2CF_3$
M277 (a and b)	-4-(5-fluoropyrimidinyl)	N	CH	$-CH_2CF_3$
M278 (a and b)	-2-(3-chloropyrazinyl)	N	CH	$-CH_2CF_3$
M279 (a and b)	-2-(3-methylpyrazinyl)	N	CH	$-CH_2CF_3$
M280 (a and b)	-2-(3-fluoropyrazinyl)	N	CH	$-CH_2CF_3$
M281 (a and b)	-3-(4-chloropyridazinyl)	N	CH	$-CH_2CF_3$
M282 (a and b)	-3-(4-methylpyridazinyl)	N	CH	$-CH_2CF_3$
M283 (a and b)	-3-(4-fluoropyridazinyl)	N	CH	$-CH_2CF_3$
M284 (a and b)	-5-(4-chlorothiadiazolyl)	N	CH	$-CH_2CF_3$
M285 (a and b)	-5-(4-methylthiadiazolyl)	N	N	$-CH_2CF_3$
M286 (a and b)	-5-(4-fluorothiadiazolyl)	N	CH	$-CH_2CF_3$
M287 (a and b)	-2-(3-chloropyridyl)	CH	N	$-CH_2CF_3$
M288 (a and b)	-2-(3-fluoropyridyl)	CH	N	$-CH_2CF_3$
M289 (a and b)	-2-(3-methylpyridyl)	CH	N	$-CH_2CF_3$
M290 (a and b)	-2-(3-CF_3-pyridyl)	CH	N	$-CH_2CF_3$
M291 (a and b)	-2-(3-CHF_2-pyridyl)	CH	N	$-CH_2CF_3$
M292 (a and b)	-2-(3-hydroxypyridyl)	CH	N	$-CH_2CF_3$
M293 (a and b)	-2-(3-nitropyridyl)	CH	N	$-CH_2CF_3$
M294 (a and b)	-2-(3-cyanopyridyl)	CH	N	$-CH_2CF_3$
M295 (a and b)	-2-(3-bromopyridyl)	CH	N	$-CH_2CF_3$
M296 (a and b)	-2-(3-iodopyridyl)	CH	N	$-CH_2CF_3$

Compound	Ar^1	Z_1	Z_2	R_{8a}
M297 (a and b)	-4-(5-chloropyrimidinyl)	CH	N	$-CH_2CF_3$
M298 (a and b)	-4-(5-methylpyrimidinyl)	CH	N	$-CH_2CF_3$
M299 (a and b)	-4-(5-fluoropyrimidinyl)	CH	N	$-CH_2CF_3$
M300 (a and b)	-2-(3-chloropyrazinyl)	CH	N	$-CH_2CF_3$
M301 (a and b)	-2-(3-methylpyrazinyl)	CH	N	$-CH_2CF_3$
M302 (a and b)	-2-(3-fluoropyrazinyl)	CH	N	$-CH_2CF_3$
M303 (a and b)	-3-(4-chloropyridazinyl)	CH	N	$-CH_2CF_3$
M304 (a and b)	-3-(4-methylpyridazinyl)	CH	N	$-CH_2CF_3$
M305 (a and b)	-3-(4-fluoropyridazinyl)	CH	N	$-CH_2CF_3$
M306 (a and b)	-5-(4-chlorothiadiazolyl)	CH	N	$-CH_2CF_3$
M307 (a and b)	-5-(4-methylthiadiazolyl)	N	N	$-CH_2CF_3$
M308 (a and b)	-5-(4-fluorothiadiazolyl)	CH	N	$-CH_2CF_3$
M309 (a and b)	-2-(3-chloropyridyl)	N	CH	$-OCF_3$
M310 (a and b)	-2-(3-fluoropyridyl)	N	CH	$-OCF_3$
M311 (a and b)	-2-(3-methylpyridyl)	N	CH	$-OCF_3$
M312 (a and b)	-2-(3-CF_3-pyridyl)	N	CH	$-OCF_3$
M313 (a and b)	-2-(3-CHF_2-pyridyl)	N	CH	$-OCF_3$
M314 (a and b)	-2-(3-hydroxypyridyl)	N	CH	$-OCF_3$
M315 (a and b)	-2-(3-nitropyridyl)	N	CH	$-OCF_3$
M316 (a and b)	-2-(3-cyanopyridyl)	N	CH	$-OCF_3$
M317 (a and b)	-2-(3-bromopyridyl)	N	CH	$-OCF_3$
M318 (a and b)	-2-(3-iodopyridyl)	N	CH	$-OCF_3$
M319 (a and b)	-4-(5-chloropyrimidinyl)	N	CH	$-OCF_3$
M320 (a and b)	-4-(5-methylpyrimidinyl)	N	CH	$-OCF_3$
M321 (a and b)	-4-(5-fluoropyrimidinyl)	N	CH	$-OCF_3$
M322 (a and b)	-2-(3-chloropyrazinyl)	N	CH	$-OCF_3$
M323 (a and b)	-2-(3-methylpyrazinyl)	N	CH	$-OCF_3$
M324 (a and b)	-2-(3-fluoropyrazinyl)	N	CH	$-OCF_3$
M325 (a and b)	-3-(4-chloropyridazinyl)	N	CH	$-OCF_3$
M326 (a and b)	-3-(4-methylpyridazinyl)	N	CH	$-OCF_3$
M327 (a and b)	-3-(4-fluoropyridazinyl)	N	CH	$-OCF_3$

Compound	Ar^1	Z_1	Z_2	R_{8a}
M328 (a and b)	-5-(4-chlorothiadiazolyl)	N	CH	$-OCF_3$
M329 (a and b)	-5-(4-methylthiadiazolyl)	N	N	$-OCF_3$
M330 (a and b)	-5-(4-fluorothiadiazolyl)	N	CH	$-OCF_3$
M331 (a and b)	-2-(3-chloropyridyl)	CH	N	$-OCF_3$
M332 (a and b)	-2-(3-fluoropyridyl)	CH	N	$-OCF_3$
M333 (a and b)	-2-(3-methylpyridyl)	CH	N	$-OCF_3$
M334 (a and b)	-2-(3-CF_3-pyridyl)	CH	N	$-OCF_3$
M335 (a and b)	-2-(3-CHF_2-pyridyl)	CH	N	$-OCF_3$
M336 (a and b)	-2-(3-hydroxypyridyl)	CH	N	$-OCF_3$
M337 (a and b)	-2-(3-nitropyridyl)	CH	N	$-OCF_3$
M338 (a and b)	-2-(3-cyanopyridyl)	CH	N	$-OCF_3$
M339 (a and b)	-2-(3-bromopyridyl)	CH	N	$-OCF_3$
M340 (a and b)	-2-(3-iodopyridyl)	CH	N	$-OCF_3$
M341 (a and b)	-4-(5-chloropyrimidinyl)	CH	N	$-OCF_3$
M342 (a and b)	-4-(5-methylpyrimidinyl)	CH	N	$-OCF_3$
M343 (a and b)	-4-(5-fluoropyrimidinyl)	CH	N	$-OCF_3$
M344 (a and b)	-2-(3-chloropyrazinyl)	CH	N	$-OCF_3$
M345 (a and b)	-2-(3-methylpyrazinyl)	CH	N	$-OCF_3$
M346 (a and b)	-2-(3-fluoropyrazinyl)	CH	N	$-OCF_3$
M347 (a and b)	-3-(4-chloropyridazinyl)	CH	N	$-OCF_3$
M348 (a and b)	-3-(4-methylpyridazinyl)	CH	N	$-OCF_3$
M349 (a and b)	-3-(4-fluoropyridazinyl)	CH	N	$-OCF_3$
M350 (a and b)	-5-(4-chlorothiadiazolyl)	CH	N	$-OCF_3$
M351 (a and b)	-5-(4-methylthiadiazolyl)	N	N	$-OCF_3$
M352 (a and b)	-5-(4-fluorothiadiazolyl)	CH	N	$-OCF_3$
M353 (a and b)	-2-(3-chloropyridyl)	N	CH	$-SCF_3$
M354 (a and b)	-2-(3-fluoropyridyl)	N	CH	$-SCF_3$
M355 (a and b)	-2-(3-methylpyridyl)	N	CH	$-SCF_3$
M356 (a and b)	-2-(3-CF_3-pyridyl)	N	CH	$-SCF_3$
M357 (a and b)	-2-(3-CHF_2-pyridyl)	N	CH	$-SCF_3$
M358 (a and b)	-2-(3-hydroxypyridyl)	N	CH	$-SCF_3$

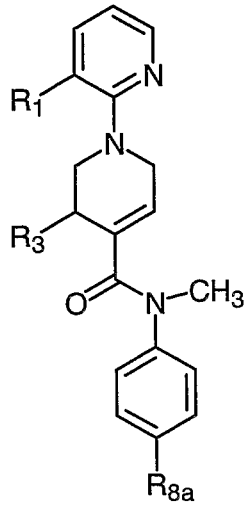
Compound	Ar^1	Z_1	Z_2	R_{8a}
M359 (a and b)	-2-(3-nitropyridyl)	N	CH	$-SCF_3$
M360 (a and b)	-2-(3-cyanopyridyl)	N	CH	$-SCF_3$
M361 (a and b)	-2-(3-bromopyridyl)	N	CH	$-SCF_3$
M362 (a and b)	-2-(3-iodopyridyl)	N	CH	$-SCF_3$
M363 (a and b)	-4-(5-chloropyrimidinyl)	N	CH	$-SCF_3$
M364 (a and b)	-4-(5-methylpyrimidinyl)	N	CH	$-SCF_3$
M365 (a and b)	-4-(5-fluoropyrimidinyl)	N	CH	$-SCF_3$
M366 (a and b)	-2-(3-chloropyrazinyl)	N	CH	$-SCF_3$
M367 (a and b)	-2-(3-methylpyrazinyl)	N	CH	$-SCF_3$
M368 (a and b)	-2-(3-fluoropyrazinyl)	N	CH	$-SCF_3$
M369 (a and b)	-3-(4-chloropyridazinyl)	N	CH	$-SCF_3$
M370 (a and b)	-3-(4-methylpyridazinyl)	N	CH	$-SCF_3$
M371 (a and b)	-3-(4-fluoropyridazinyl)	N	CH	$-SCF_3$
M372 (a and b)	-5-(4-chlorothiadiazolyl)	N	CH	$-SCF_3$
M373 (a and b)	-5-(4-methylthiadiazolyl)	N	N	$-SCF_3$
M374 (a and b)	-5-(4-fluorothiadiazolyl)	N	CH	$-SCF_3$
M375 (a and b)	-2-(3-chloropyridyl)	CH	N	$-SCF_3$
M376 (a and b)	-2-(3-fluoropyridyl)	CH	N	$-SCF_3$
M377 (a and b)	-2-(3-methylpyridyl)	CH	N	$-SCF_3$
M378 (a and b)	-2-(3-CF_3-pyridyl)	CH	N	$-SCF_3$
M379 (a and b)	-2-(3-CHF_2-pyridyl)	CH	N	$-SCF_3$
M380 (a and b)	-2-(3-hydroxypyridyl)	CH	N	$-SCF_3$
M381 (a and b)	-2-(3-nitropyridyl)	CH	N	$-SCF_3$
M382 (a and b)	-2-(3-cyanopyridyl)	CH	N	$-SCF_3$
M383 (a and b)	-2-(3-bromopyridyl)	CH	N	$-SCF_3$
M384 (a and b)	-2-(3-iodopyridyl)	CH	N	$-SCF_3$
M385 (a and b)	-4-(5-chloropyrimidinyl)	CH	N	$-SCF_3$
M386 (a and b)	-4-(5-methylpyrimidinyl)	CH	N	$-SCF_3$
M387 (a and b)	-4-(5-fluoropyrimidinyl)	CH	N	$-SCF_3$
M388 (a and b)	-2-(3-chloropyrazinyl)	CH	N	$-SCF_3$
M389 (a and b)	-2-(3-methylpyrazinyl)	CH	N	$-SCF_3$

Compound	Ar^1	Z_1	Z_2	R_{8a}
M390 (a and b)	-2-(3-fluoropyrazinyl)	CH	N	$-SCF_3$
M391 (a and b)	-3-(4-chloropyridazinyl)	CH	N	$-SCF_3$
M392 (a and b)	-3-(4-methylpyridazinyl)	CH	N	$-SCF_3$
M393 (a and b)	-3-(4-fluoropyridazinyl)	CH	N	$-SCF_3$
M394 (a and b)	-5-(4-chlorothiadiazolyl)	CH	N	$-SCF_3$
M395 (a and b)	-5-(4-methylthiadiazolyl)	N	N	$-SCF_3$
M396 (a and b)	-5-(4-fluorothiadiazolyl)	CH	N	$-SCF_3$
M397 (a and b)	-2-(3-chloropyridyl)	N	CH	-H
M398 (a and b)	-2-(3-fluoropyridyl)	N	CH	-H
M399 (a and b)	-2-(3-methylpyridyl)	N	CH	-H
M400 (a and b)	-2-(3-CF_3-pyridyl)	N	CH	-H
M401 (a and b)	-2-(3-CHF_2-pyridyl)	N	CH	-H
M402 (a and b)	-2-(3-hydroxypyridyl)	N	CH	-H
M403 (a and b)	-2-(3-nitropyridyl)	N	CH	-H
M404 (a and b)	-2-(3-cyanopyridyl)	N	CH	-H
M405 (a and b)	-2-(3-bromopyridyl)	N	CH	-H
M406 (a and b)	-2-(3-iodopyridyl)	N	CH	-H
M407 (a and b)	-4-(5-chloropyrimidinyl)	N	CH	-H
M408 (a and b)	-4-(5-methylpyrimidinyl)	N	CH	-H
M409 (a and b)	-4-(5-fluoropyrimidinyl)	N	CH	-H
M410 (a and b)	-2-(3-chloropyrazinyl)	N	CH	-H
M411 (a and b)	-2-(3-methylpyrazinyl)	N	CH	-H
M412 (a and b)	-2-(3-fluoropyrazinyl)	N	CH	-H
M413 (a and b)	-3-(4-chloropyridazinyl)	N	CH	-H
M414 (a and b)	-3-(4-methylpyridazinyl)	N	CH	-H
M415 (a and b)	-3-(4-fluoropyridazinyl)	N	CH	-H
M416 (a and b)	-5-(4-chlorothiadiazolyl)	N	CH	-H
M417 (a and b)	-5-(4-methylthiadiazolyl)	N	N	-H
M418 (a and b)	-5-(4-fluorothiadiazolyl)	N	CH	-H
M419 (a and b)	-2-(3-chloropyridyl)	CH	N	-H
M420 (a and b)	-2-(3-fluoropyridyl)	CH	N	-H

Compound	Ar^1	Z_1	Z_2	R_{8a}
M421 (a and b)	-2-(3-methylpyridyl)	CH	N	-H
M422 (a and b)	-2-(3-CF_3-pyridyl)	CH	N	-H
M423 (a and b)	-2-(3-CHF_2-pyridyl)	CH	N	-H
M424 (a and b)	-2-(3-hydroxypyridyl)	CH	N	-H
M425 (a and b)	-2-(3-nitropyridyl)	CH	N	-H
M426 (a and b)	-2-(3-cyanopyridyl)	CH	N	-H
M427 (a and b)	-2-(3-bromopyridyl)	CH	N	-H
M428 (a and b)	-2-(3-iodopyridyl)	CH	N	-H
M429 (a and b)	-4-(5-chloropyrimidinyl)	CH	N	-H
M430 (a and b)	-4-(5-methylpyrimidinyl)	CH	N	-H
M431 (a and b)	-4-(5-fluoropyrimidinyl)	CH	N	-H
M432 (a and b)	-2-(3-chloropyrazinyl)	CH	N	-H
M433 (a and b)	-2-(3-methylpyrazinyl)	CH	N	-H
M434 (a and b)	-2-(3-fluoropyrazinyl)	CH	N	-H
M435 (a and b)	-3-(4-chloropyridazinyl)	CH	N	-H
M436 (a and b)	-3-(4-methylpyridazinyl)	CH	N	-H
M437 (a and b)	-3-(4-fluoropyridazinyl)	CH	N	-H
M438 (a and b)	-5-(4-chlorothiadiazolyl)	CH	N	-H
M439 (a and b)	-5-(4-methylthiadiazolyl)	N	N	-H
M440 (a and b)	-5-(4-fluorothiadiazolyl)	CH	N	-H

(a) means that R_3 is -H.
(b) means that R_3 is -CH_3.

Table 14



(In)

and pharmaceutically acceptable salts thereof, wherein:

Compound	R_1	R_{8a}
N1 (a and b)	-H	-H
N2 (a and b)	-H	-*tert*-butyl
N3 (a and b)	-H	-*iso*-butyl
N4 (a and b)	-H	-*sec*-butyl
N5 (a and b)	-H	-*iso*-propyl
N6 (a and b)	-H	-n-propyl
N7 (a and b)	-H	-cyclohexyl
N8 (a and b)	-H	-*tert*-butoxy
N9 (a and b)	-H	-isopropoxy
N10 (a and b)	-H	$-CF_3$
N11 (a and b)	-H	$-CH_2CF_3$
N12 (a and b)	-H	$-OCF_3$
N13 (a and b)	-H	-Cl
N14 (a and b)	-H	-Br
N15 (a and b)	-H	-I
N16 (a and b)	-H	-n-butyl

Compound	R_1	R_{8a}
N17 (a and b)	-H	$-CH_3$
N18 (a and b)	-H	$-SCF_3$
N19 (a and b)	-H	$-N(CH_2CH_3)_2$
N20 (a and b)	-H	$-OCF_2CHF_2$
N21 (a and b)	-H	$-C(OH)(CF_3)_2$
N22 (a and b)	-H	-(1,1-dimethyl-pentyl)
N23 (a and b)	-H	-(1,1-dimethyl-acetic acid) ethyl ester
N24 (a and b)	-H	-*N*-piperidinyl
N25 (a and b)	-Cl	-H
N26 (a and b)	-Cl	-*tert*-butyl
N27 (a and b)	-Cl	-*iso*-butyl
N28 (a and b)	-Cl	-*sec*-butyl
N29 (a and b)	-Cl	-*iso*-propyl
N30 (a and b)	-Cl	-n-propyl
N31 (a and b)	-Cl	-cyclohexyl
N32 (a and b)	-Cl	-*tert*-butoxy
N33 (a and b)	-Cl	-isopropoxy
N34 (a and b)	-Cl	$-CF_3$
N35 (a and b)	-Cl	$-CH_2CF_3$
N36 (a and b)	-Cl	$-OCF_3$
N37 (a and b)	-Cl	-Cl
N38 (a and b)	-Cl	-Br
N39 (a and b)	-Cl	-I
N40 (a and b)	-Cl	-n-butyl
N41 (a and b)	-Cl	$-CH_3$
N42 (a and b)	-Cl	$-SCF_3$
N43 (a and b)	-Cl	$-N(CH_2CH_3)_2$
N44 (a and b)	-Cl	$-OCF_2CHF_2$
N45 (a and b)	-Cl	$-C(OH)(CF_3)_2$
N46 (a and b)	-Cl	-(1,1-dimethyl-pentyl)

Compound	R_1	R_{8a}
N47 (a and b)	-Cl	-(1,1-dimethyl-acetic acid) ethyl ester
N48 (a and b)	-Cl	-*N*-piperidinyl
N49 (a and b)	-F	-H
N50 (a and b)	-F	-*tert*-butyl
N51 (a and b)	-F	-*iso*-butyl
N52 (a and b)	-F	-*sec*-butyl
N53 (a and b)	-F	-*iso*-propyl
N54 (a and b)	-F	-n-propyl
N55 (a and b)	-F	-cyclohexyl
N56 (a and b)	-F	-*tert*-butoxy
N57 (a and b)	-F	-isopropoxy
N58 (a and b)	-F	$-CF_3$
N59 (a and b)	-F	$-CH_2CF_3$
N60 (a and b)	-F	$-OCF_3$
N61 (a and b)	-F	-Cl
N62 (a and b)	-F	-Br
N63 (a and b)	-F	-I
N64 (a and b)	-F	-n-butyl
N65 (a and b)	-F	$-CH_3$
N66 (a and b)	-F	$-SCF_3$
N67 (a and b)	-F	$-N(CH_2CH_3)_2$
N68 (a and b)	-F	$-OCF_2CHF_2$
N69 (a and b)	-F	$-C(OH)(CF_3)_2$
N70 (a and b)	-F	-(1,1-dimethyl-pentyl)
N71 (a and b)	-F	-(1,1-dimethyl-acetic acid) ethyl ester
N72 (a and b)	-F	-*N*-piperidinyl
N73 (a and b)	$-CH_3$	-H
N74 (a and b)	$-CH_3$	-*iso*-butyl
N75 (a and b)	$-CH_3$	-*tert*-butyl
N76 (a and b)	$-CH_3$	-*sec*-butyl

Compound	R_1	R_{8a}
N77 (a and b)	$-CH_3$	-*iso*-propyl
N78 (a and b)	$-CH_3$	-n-propyl
N79 (a and b)	$-CH_3$	-cyclohexyl
N80 (a and b)	$-CH_3$	-*tert*-butoxy
N81 (a and b)	$-CH_3$	-isopropoxy
N82 (a and b)	$-CH_3$	$-CF_3$
N83 (a and b)	$-CH_3$	$-CH_2CF_3$
N84 (a and b)	$-CH_3$	$-OCF_3$
N85 (a and b)	$-CH_3$	-Cl
N86 (a and b)	$-CH_3$	-Br
N87 (a and b)	$-CH_3$	-I
N88 (a and b)	$-CH_3$	-n-butyl
N89 (a and b)	$-CH_3$	$-CH_3$
N90 (a and b)	$-CH_3$	$-SCF_3$
N91 (a and b)	$-CH_3$	$-N(CH_2CH_3)_2$
N92 (a and b)	$-CH_3$	$-OCF_2CHF_2$
N93 (a and b)	$-CH_3$	$-C(OH)(CF_3)_2$
N94 (a and b)	$-CH_3$	-(1,1-dimethyl-pentyl)
N95 (a and b)	$-CH_3$	-(1,1-dimethyl-acetic acid) ethyl ester
N96 (a and b)	$-CH_3$	-*N*-piperidinyl
N97 (a and b)	$-CF_3$	-H
N98 (a and b)	$-CF_3$	-*tert*-butyl
N99 (a and b)	$-CF_3$	-*iso*-butyl
N100 (a and b)	$-CF_3$	-*sec*-butyl
N101 (a and b)	$-CF_3$	-*iso*-propyl
N102 (a and b)	$-CF_3$	-n-propyl
N103 (a and b)	$-CF_3$	-cyclohexyl
N104 (a and b)	$-CF_3$	-*tert*-butoxy
N105 (a and b)	$-CF_3$	-isopropoxy
N106 (a and b)	$-CF_3$	$-CF_3$

Compound	R_1	R_{8a}
N107 (a and b)	$-CF_3$	$-CH_2CF_3$
N108 (a and b)	$-CF_3$	$-OCF_3$
N109 (a and b)	$-CF_3$	-Cl
N110 (a and b)	$-CF_3$	-Br
N111 (a and b)	$-CF_3$	-I
N112 (a and b)	$-CF_3$	-n-butyl
N113 (a and b)	$-CF_3$	$-CH_3$
N114 (a and b)	$-CF_3$	$-SCF_3$
N115 (a and b)	$-CF_3$	$-N(CH_2CH_3)_2$
N116 (a and b)	$-CF_3$	$-OCF_2CHF_2$
N117 (a and b)	$-CF_3$	$-C(OH)(CF_3)_2$
N118 (a and b)	$-CF_3$	-(1,1-dimethyl-pentyl)
N119 (a and b)	$-CF_3$	-(1,1-dimethyl-acetic acid) ethyl ester
N120 (a and b)	$-CF_3$	-*N*-piperidinyl
N121 (a and b)	$-CHF_2$	-*tert*-butyl
N122 (a and b)	$-CHF_2$	-H
N123 (a and b)	$-CHF_2$	-*iso*-butyl
N124 (a and b)	$-CHF_2$	-*sec*-butyl
N125 (a and b)	$-CHF_2$	-*iso*-propyl
N126 (a and b)	$-CHF_2$	-n-propyl
N127 (a and b)	$-CHF_2$	-cyclohexyl
N128 (a and b)	$-CHF_2$	-*tert*-butoxy
N129 (a and b)	$-CHF_2$	-isopropoxy
N130 (a and b)	$-CHF_2$	$-CF_3$
N131 (a and b)	$-CHF_2$	$-CH_2CF_3$
N132 (a and b)	$-CHF_2$	$-OCF_3$
N133 (a and b)	$-CHF_2$	-Cl
N134 (a and b)	$-CHF_2$	-Br
N135 (a and b)	$-CHF_2$	-I
N136 (a and b)	$-CHF_2$	-n-butyl

Compound	R_1	R_{8a}
N137 (a and b)	$-CHF_2$	$-CH_3$
N138 (a and b)	$-CHF_2$	$-SCF_3$
N139 (a and b)	$-CHF_2$	$-N(CH_2CH_3)_2$
N140 (a and b)	$-CHF_2$	$-OCF_2CHF_2$
N141 (a and b)	$-CHF_2$	$-C(OH)(CF_3)_2$
N142 (a and b)	$-CHF_2$	-(1,1-dimethyl-pentyl)
N143 (a and b)	$-CHF_2$	-(1,1-dimethyl-acetic acid) ethyl ester
N144 (a and b)	$-CHF_2$	-*N*-piperidinyl
N145 (a and b)	-OH	-H
N146 (a and b)	-OH	-*tert*-butyl
N147 (a and b)	-OH	-*iso*-butyl
N148 (a and b)	-OH	-*sec*-butyl
N149 (a and b)	-OH	-*iso*-propyl
N150 (a and b)	-OH	-n-propyl
N151 (a and b)	-OH	-cyclohexyl
N152 (a and b)	-OH	-*tert*-butoxy
N153 (a and b)	-OH	-isopropoxy
N154 (a and b)	-OH	$-CF_3$
N155 (a and b)	-OH	$-CH_2CF_3$
N156 (a and b)	-OH	$-OCF_3$
N157 (a and b)	-OH	-Cl
N158 (a and b)	-OH	-Br
N159 (a and b)	-OH	-I
N160 (a and b)	-OH	-n-butyl
N161 (a and b)	-OH	$-CH_3$
N162 (a and b)	-OH	$-SCF_3$
N163 (a and b)	-OH	$-N(CH_2CH_3)_2$
N164 (a and b)	-OH	$-OCF_2CHF_2$
N165 (a and b)	-OH	$-C(OH)(CF_3)_2$
N166 (a and b)	-OH	-(1,1-dimethyl-pentyl)

Compound	R_1	R_{8a}
N167 (a and b)	-OH	-(1,1-dimethyl-acetic acid) ethyl ester
N168 (a and b)	-OH	-*N*-piperidinyl
N169 (a and b)	$-NO_2$	-H
N170 (a and b)	$-NO_2$	-*tert*-butyl
N171 (a and b)	$-NO_2$	-*iso*-butyl
N172 (a and b)	$-NO_2$	-*sec*-butyl
N173 (a and b)	$-NO_2$	-*iso*-propyl
N174 (a and b)	$-NO_2$	-n-propyl
N175 (a and b)	$-NO_2$	-cyclohexyl
N176 (a and b)	$-NO_2$	-*tert*-butoxy
N177 (a and b)	$-NO_2$	-isopropoxy
N178 (a and b)	$-NO_2$	$-CF_3$
N179 (a and b)	$-NO_2$	$-CH_2CF_3$
N180 (a and b)	$-NO_2$	$-OCF_3$
N181 (a and b)	$-NO_2$	-Cl
N182 (a and b)	$-NO_2$	-Br
N183 (a and b)	$-NO_2$	-I
N184 (a and b)	$-NO_2$	-n-butyl
N185 (a and b)	$-NO_2$	$-CH_3$
N186 (a and b)	$-NO_2$	$-SCF_3$
N187 (a and b)	$-NO_2$	$-N(CH_2CH_3)_2$
N188 (a and b)	$-NO_2$	$-OCF_2CHF_2$
N189 (a and b)	$-NO_2$	$-C(OH)(CF_3)_2$
N190 (a and b)	$-NO_2$	-(1,1-dimethyl-pentyl)
N191 (a and b)	$-NO_2$	-(1,1-dimethyl-acetic acid) ethyl ester
N192 (a and b)	$-NO_2$	-*N*-piperidinyl
N193 (a and b)	-CN	-H
N194 (a and b)	-CN	-*tert*-butyl
N195 (a and b)	-CN	-*iso*-butyl
N196 (a and b)	-CN	-*sec*-butyl

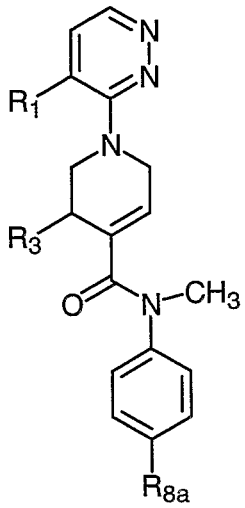
Compound	R_1	R_{8a}
N197 (a and b)	-CN	-*iso*-propyl
N198 (a and b)	-CN	-n-propyl
N199 (a and b)	-CN	-cyclohexyl
N200 (a and b)	-CN	-*tert*-butoxy
N201 (a and b)	-CN	-isopropoxy
N202 (a and b)	-CN	$-CF_3$
N203 (a and b)	-CN	$-CH_2CF_3$
N204 (a and b)	-CN	$-OCF_3$
N205 (a and b)	-CN	-Cl
N206 (a and b)	-CN	-Br
N207 (a and b)	-CN	-I
N208 (a and b)	-CN	-n-butyl
N209 (a and b)	-CN	$-CH_3$
N210 (a and b)	-CN	$-SCF_3$
N211 (a and b)	-CN	$-N(CH_2CH_3)_2$
N212 (a and b)	-CN	$-OCF_2CHF_2$
N213 (a and b)	-CN	$-C(OH)(CF_3)_2$
N214 (a and b)	-CN	-(1,1-dimethyl-pentyl)
N215 (a and b)	-CN	-(1,1-dimethyl-acetic acid) ethyl ester
N216 (a and b)	-CN	-*N*-piperidinyl
N217 (a and b)	-Br	-H
N218 (a and b)	-Br	-*tert*-butyl
N219 (a and b)	-Br	-*iso*-butyl
N220 (a and b)	-Br	-*sec*-butyl
N221 (a and b)	-Br	-*iso*-propyl
N222 (a and b)	-Br	-n-propyl
N223 (a and b)	-Br	-cyclohexyl
N224 (a and b)	-Br	-*tert*-butoxy
N225 (a and b)	-Br	-isopropoxy
N226 (a and b)	-Br	$-CF_3$

Compound	R_1	R_{8a}
N227 (a and b)	-Br	$-CH_2CF_3$
N228 (a and b)	-Br	$-OCF_3$
N229 (a and b)	-Br	-Cl
N230 (a and b)	-Br	-Br
N231 (a and b)	-Br	-I
N232 (a and b)	-Br	-n-butyl
N233 (a and b)	-Br	$-CH_3$
N234 (a and b)	-Br	$-SCF_3$
N235 (a and b)	-Br	$-N(CH_2CH_3)_2$
N236 (a and b)	-Br	$-OCF_2CHF_2$
N237 (a and b)	-Br	$-C(OH)(CF_3)_2$
N238 (a and b)	-Br	-(1,1-dimethyl-pentyl)
N239 (a and b)	-Br	-(1,1-dimethyl-acetic acid) ethyl ester
N240 (a and b)	-Br	-*N*-piperidinyl
N241 (a and b)	-I	-*tert*-butyl
N242 (a and b)	-I	-H
N243 (a and b)	-I	-*iso*-butyl
N244 (a and b)	-I	-*sec*-butyl
N245 (a and b)	-I	-*iso*-propyl
N246 (a and b)	-I	-n-propyl
N247 (a and b)	-I	-cyclohexyl
N248 (a and b)	-I	-*tert*-butoxy
N249 (a and b)	-I	-isopropoxy
N250 (a and b)	-I	$-CF_3$
N251 (a and b)	-I	$-CH_2CF_3$
N252 (a and b)	-I	$-OCF_3$
N253 (a and b)	-I	-Cl
N254 (a and b)	-I	-Br
N255 (a and b)	-I	-I
N256 (a and b)	-I	-n-butyl

Compound	R_1	R_{8a}
N257 (a and b)	-I	$-CH_3$
N258 (a and b)	-I	$-SCF_3$
N259 (a and b)	-I	$-N(CH_2CH_3)_2$
N260 (a and b)	-I	$-OCF_2CHF_2$
N261 (a and b)	-I	$-C(OH)(CF_3)_2$
N262 (a and b)	-I	-(1,1-dimethyl-pentyl)
N263 (a and b)	-I	-(1,1-dimethyl-acetic acid) ethyl ester
N264 (a and b)	-I	-*N*-piperidinyl

(a) means that R_3 is -H.
(b) means that R_3 is $-CH_3$.

Table 15



(Io)

and pharmaceutically acceptable salts thereof, wherein:

Compound	R_1	R_{8a}
O1 (a and b)	-H	-H
O2 (a and b)	-H	-*tert*-butyl
O3 (a and b)	-H	-*iso*-butyl
O4 (a and b)	-H	-*sec*-butyl
O5 (a and b)	-H	-*iso*-propyl
O6 (a and b)	-H	-n-propyl
O7 (a and b)	-H	-cyclohexyl
O8 (a and b)	-H	-*tert*-butoxy
O9 (a and b)	-H	-isopropoxy
O10 (a and b)	-H	$-CF_3$
O11 (a and b)	-H	$-CH_2CF_3$
O12 (a and b)	-H	$-OCF_3$
O13 (a and b)	-H	-Cl
O14 (a and b)	-H	-Br
O15 (a and b)	-H	-I
O16 (a and b)	-H	-n-butyl

Compound	R_1	R_{8a}
O17 (a and b)	-H	$-CH_3$
O18 (a and b)	-H	$-SCF_3$
O19 (a and b)	-H	$-N(CH_2CH_3)_2$
O20 (a and b)	-H	$-OCF_2CHF_2$
O21 (a and b)	-H	$-C(OH)(CF_3)_2$
O22 (a and b)	-H	-(1,1-dimethyl-pentyl)
O23 (a and b)	-H	-(1,1-dimethyl-acetic acid) ethyl ester
O24 (a and b)	-H	-*N*-piperidinyl
O25 (a and b)	-Cl	-H
O26 (a and b)	-Cl	-*tert*-butyl
O27 (a and b)	-Cl	-*iso*-butyl
O28 (a and b)	-Cl	-*sec*-butyl
O29 (a and b)	-Cl	-*iso*-propyl
O30 (a and b)	-Cl	-n-propyl
O31 (a and b)	-Cl	-cyclohexyl
O32 (a and b)	-Cl	-*tert*-butoxy
O33 (a and b)	-Cl	-isopropoxy
O34 (a and b)	-Cl	$-CF_3$
O35 (a and b)	-Cl	$-CH_2CF_3$
O36 (a and b)	-Cl	$-OCF_3$
O37 (a and b)	-Cl	-Cl
O38 (a and b)	-Cl	-Br
O39 (a and b)	-Cl	-I
O40 (a and b)	-Cl	-n-butyl
O41 (a and b)	-Cl	$-CH_3$
O42 (a and b)	-Cl	$-SCF_3$
O43 (a and b)	-Cl	$-N(CH_2CH_3)_2$
O44 (a and b)	-Cl	$-OCF_2CHF_2$
O45 (a and b)	-Cl	$-C(OH)(CF_3)_2$
O46 (a and b)	-Cl	-(1,1-dimethyl-pentyl)

Compound	R_1	R_{8a}
O47 (a and b)	-Cl	-(1,1-dimethyl-acetic acid) ethyl ester
O48 (a and b)	-Cl	-*N*-piperidinyl
O49 (a and b)	-F	-H
O50 (a and b)	-F	-*tert*-butyl
O51 (a and b)	-F	-*iso*-butyl
O52 (a and b)	-F	-*sec*-butyl
O53 (a and b)	-F	-*iso*-propyl
O54 (a and b)	-F	-n-propyl
O55 (a and b)	-F	-cyclohexyl
O56 (a and b)	-F	-*tert*-butoxy
O57 (a and b)	-F	-isopropoxy
O58 (a and b)	-F	$-CF_3$
O59 (a and b)	-F	$-CH_2CF_3$
O60 (a and b)	-F	$-OCF_3$
O61 (a and b)	-F	-Cl
O62 (a and b)	-F	-Br
O63 (a and b)	-F	-I
O64 (a and b)	-F	-n-butyl
O65 (a and b)	-F	$-CH_3$
O66 (a and b)	-F	$-SCF_3$
O67 (a and b)	-F	$-N(CH_2CH_3)_2$
O68 (a and b)	-F	$-OCF_2CHF_2$
O69 (a and b)	-F	$-C(OH)(CF_3)_2$
O70 (a and b)	-F	-(1,1-dimethyl-pentyl)
O71 (a and b)	-F	-(1,1-dimethyl-acetic acid) ethyl ester
O72 (a and b)	-F	-*N*-piperidinyl
O73 (a and b)	$-CH_3$	-H
O74 (a and b)	$-CH_3$	-*iso*-butyl
O75 (a and b)	$-CH_3$	-*tert*-butyl
O76 (a and b)	$-CH_3$	-*sec*-butyl

Compound	R_1	R_{8a}
O77 (a and b)	$-CH_3$	-*iso*-propyl
O78 (a and b)	$-CH_3$	-n-propyl
O79 (a and b)	$-CH_3$	-cyclohexyl
O80 (a and b)	$-CH_3$	-*tert*-butoxy
O81 (a and b)	$-CH_3$	-isopropoxy
O82 (a and b)	$-CH_3$	$-CF_3$
O83 (a and b)	$-CH_3$	$-CH_2CF_3$
O84 (a and b)	$-CH_3$	$-OCF_3$
O85 (a and b)	$-CH_3$	-Cl
O86 (a and b)	$-CH_3$	-Br
O87 (a and b)	$-CH_3$	-I
O88 (a and b)	$-CH_3$	-n-butyl
O89 (a and b)	$-CH_3$	$-CH_3$
O90 (a and b)	$-CH_3$	$-SCF_3$
O91 (a and b)	$-CH_3$	$-N(CH_2CH_3)_2$
O92 (a and b)	$-CH_3$	$-OCF_2CHF_2$
O93 (a and b)	$-CH_3$	$-C(OH)(CF_3)_2$
O94 (a and b)	$-CH_3$	-(1,1-dimethyl-pentyl)
O95 (a and b)	$-CH_3$	-(1,1-dimethyl-acetic acid) ethyl ester
O96 (a and b)	$-CH_3$	-*N*-piperidinyl
O97 (a and b)	$-CF_3$	-H
O98 (a and b)	$-CF_3$	-*tert*-butyl
O99 (a and b)	$-CF_3$	-*iso*-butyl
O100 (a and b)	$-CF_3$	-*sec*-butyl
O101 (a and b)	$-CF_3$	-*iso*-propyl
O102 (a and b)	$-CF_3$	-n-propyl
O103 (a and b)	$-CF_3$	-cyclohexyl
O104 (a and b)	$-CF_3$	-tert-butoxy
O105 (a and b)	$-CF_3$	-isopropoxy
O106 (a and b)	$-CF_3$	$-CF_3$

Compound	R_1	R_{8a}
O107 (a and b)	$-CF_3$	$-CH_2CF_3$
O108 (a and b)	$-CF_3$	$-OCF_3$
O109 (a and b)	$-CF_3$	-Cl
O110 (a and b)	$-CF_3$	-Br
O111 (a and b)	$-CF_3$	-I
O112 (a and b)	$-CF_3$	-n-butyl
O113 (a and b)	$-CF_3$	$-CH_3$
O114 (a and b)	$-CF_3$	$-SCF_3$
O115 (a and b)	$-CF_3$	$-N(CH_2CH_3)_2$
O116 (a and b)	$-CF_3$	$-OCF_2CHF_2$
O117 (a and b)	$-CF_3$	$-C(OH)(CF_3)_2$
O118 (a and b)	$-CF_3$	-(1,1-dimethyl-pentyl)
O119 (a and b)	$-CF_3$	-(1,1-dimethyl-acetic acid) ethyl ester
O120 (a and b)	$-CF_3$	-*N*-piperidinyl
O121 (a and b)	$-CHF_2$	-*tert*-butyl
O122 (a and b)	$-CHF_2$	-H
O123 (a and b)	$-CHF_2$	-*iso*-butyl
O124 (a and b)	$-CHF_2$	-*sec*-butyl
O125 (a and b)	$-CHF_2$	-*iso*-propyl
O126 (a and b)	$-CHF_2$	-n-propyl
O127 (a and b)	$-CHF_2$	-cyclohexyl
O128 (a and b)	$-CHF_2$	-*tert*-butoxy
O129 (a and b)	$-CHF_2$	-isopropoxy
O130 (a and b)	$-CHF_2$	$-CF_3$
O131 (a and b)	$-CHF_2$	$-CH_2CF_3$
O132 (a and b)	$-CHF_2$	$-OCF_3$
O133 (a and b)	$-CHF_2$	-Cl
O134 (a and b)	$-CHF_2$	-Br
O135 (a and b)	$-CHF_2$	-I
O136 (a and b)	$-CHF_2$	-n-butyl

Compound	R_1	R_{8a}
O137 (a and b)	$-CHF_2$	$-CH_3$
O138 (a and b)	$-CHF_2$	$-SCF_3$
O139 (a and b)	$-CHF_2$	$-N(CH_2CH_3)_2$
O140 (a and b)	$-CHF_2$	$-OCF_2CHF_2$
O141 (a and b)	$-CHF_2$	$-C(OH)(CF_3)_2$
O142 (a and b)	$-CHF_2$	-(1,1-dimethyl-pentyl)
O143 (a and b)	$-CHF_2$	-(1,1-dimethyl-acetic acid) ethyl ester
O144 (a and b)	$-CHF_2$	-*N*-piperidinyl
O145 (a and b)	-OH	-H
O146 (a and b)	-OH	-*tert*-butyl
O147 (a and b)	-OH	-*iso*-butyl
O148 (a and b)	-OH	-*sec*-butyl
O149 (a and b)	-OH	-*iso*-propyl
O150 (a and b)	-OH	-n-propyl
O151 (a and b)	-OH	-cyclohexyl
O152 (a and b)	-OH	-*tert*-butoxy
O153 (a and b)	-OH	-isopropoxy
O154 (a and b)	-OH	$-CF_3$
O155 (a and b)	-OH	$-CH_2CF_3$
O156 (a and b)	-OH	$-OCF_3$
O157 (a and b)	-OH	-Cl
O158 (a and b)	-OH	-Br
O159 (a and b)	-OH	-I
O160 (a and b)	-OH	-n-butyl
O161 (a and b)	-OH	$-CH_3$
O162 (a and b)	-OH	$-SCF_3$
O163 (a and b)	-OH	$-N(CH_2CH_3)_2$
O164 (a and b)	-OH	$-OCF_2CHF_2$
O165 (a and b)	-OH	$-C(OH)(CF_3)_2$
O166 (a and b)	-OH	-(1,1-dimethyl-pentyl)

Compound	R_1	R_{8a}
O167 (a and b)	-OH	-(1,1-dimethyl-acetic acid) ethyl ester
O168 (a and b)	-OH	-*N*-piperidinyl
O169 (a and b)	$-NO_2$	-H
O170 (a and b)	$-NO_2$	-*tert*-butyl
O171 (a and b)	$-NO_2$	-*iso*-butyl
O172 (a and b)	$-NO_2$	-*sec*-butyl
O173 (a and b)	$-NO_2$	-*iso*-propyl
O174 (a and b)	$-NO_2$	-n-propyl
O175 (a and b)	$-NO_2$	-cyclohexyl
O176 (a and b)	$-NO_2$	-*tert*-butoxy
O177 (a and b)	$-NO_2$	-isopropoxy
O178 (a and b)	$-NO_2$	$-CF_3$
O179 (a and b)	$-NO_2$	$-CH_2CF_3$
O180 (a and b)	$-NO_2$	$-OCF_3$
O181 (a and b)	$-NO_2$	-Cl
O182 (a and b)	$-NO_2$	-Br
O183 (a and b)	$-NO_2$	-I
O184 (a and b)	$-NO_2$	-n-butyl
O185 (a and b)	$-NO_2$	$-CH_3$
O186 (a and b)	$-NO_2$	$-SCF_3$
O187 (a and b)	$-NO_2$	$-N(CH_2CH_3)_2$
O188 (a and b)	$-NO_2$	$-OCF_2CHF_2$
O189 (a and b)	$-NO_2$	$-C(OH)(CF_3)_2$
O190 (a and b)	$-NO_2$	-(1,1-dimethyl-pentyl)
O191 (a and b)	$-NO_2$	-(1,1-dimethyl-acetic acid) ethyl ester
O192 (a and b)	$-NO_2$	-*N*-piperidinyl
O193 (a and b)	-CN	-H
O194 (a and b)	-CN	-*tert*-butyl
O195 (a and b)	-CN	-*iso*-butyl
O196 (a and b)	-CN	-*sec*-butyl

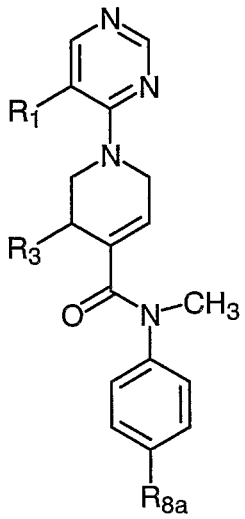
Compound	R_1	R_{8a}
O197 (a and b)	-CN	-*iso*-propyl
O198 (a and b)	-CN	-n-propyl
O199 (a and b)	-CN	-cyclohexyl
O200 (a and b)	-CN	-*tert*-butoxy
O201 (a and b)	-CN	-isopropoxy
O202 (a and b)	-CN	$-CF_3$
O203 (a and b)	-CN	$-CH_2CF_3$
O204 (a and b)	-CN	$-OCF_3$
O205 (a and b)	-CN	-Cl
O206 (a and b)	-CN	-Br
O207 (a and b)	-CN	-I
O208 (a and b)	-CN	-n-butyl
O209 (a and b)	-CN	$-CH_3$
O210 (a and b)	-CN	$-SCF_3$
O211 (a and b)	-CN	$-N(CH_2CH_3)_2$
O212 (a and b)	-CN	$-OCF_2CHF_2$
O213 (a and b)	-CN	$-C(OH)(CF_3)_2$
O214 (a and b)	-CN	-(1,1-dimethyl-pentyl)
O215 (a and b)	-CN	-(1,1-dimethyl-acetic acid) ethyl ester
O216 (a and b)	-CN	-*N*-piperidinyl
O217 (a and b)	-Br	-H
O218 (a and b)	-Br	-*tert*-butyl
O219 (a and b)	-Br	-*iso*-butyl
O220 (a and b)	-Br	-*sec*-butyl
O221 (a and b)	-Br	-*iso*-propyl
O222 (a and b)	-Br	-n-propyl
O223 (a and b)	-Br	-cyclohexyl
O224 (a and b)	-Br	-*tert*-butoxy
O225 (a and b)	-Br	-isopropoxy
O226 (a and b)	-Br	$-CF_3$

Compound	R_1	R_{8a}
O227 (a and b)	-Br	$-CH_2CF_3$
O228 (a and b)	-Br	$-OCF_3$
O229 (a and b)	-Br	-Cl
O230 (a and b)	-Br	-Br
O231 (a and b)	-Br	-I
O232 (a and b)	-Br	-n-butyl
O233 (a and b)	-Br	$-CH_3$
O234 (a and b)	-Br	$-SCF_3$
O235 (a and b)	-Br	$-N(CH_2CH_3)_2$
O236 (a and b)	-Br	$-OCF_2CHF_2$
O237 (a and b)	-Br	$-C(OH)(CF_3)_2$
O238 (a and b)	-Br	-(1,1-dimethyl-pentyl)
O239 (a and b)	-Br	-(1,1-dimethyl-acetic acid) ethyl ester
O240 (a and b)	-Br	-*N*-piperidinyl
O241 (a and b)	-I	-*tert*-butyl
O242 (a and b)	-I	-H
O243 (a and b)	-I	-*iso*-butyl
O244 (a and b)	-I	-*sec*-butyl
O245 (a and b)	-I	-*iso*-propyl
O246 (a and b)	-I	-n-propyl
O247 (a and b)	-I	-cyclohexyl
O248 (a and b)	-I	-*tert*-butoxy
O249 (a and b)	-I	-isopropoxy
O250 (a and b)	-I	$-CF_3$
O251 (a and b)	-I	$-CH_2CF_3$
O252 (a and b)	-I	$-OCF_3$
O253 (a and b)	-I	-Cl
O254 (a and b)	-I	-Br
O255 (a and b)	-I	-I
O256 (a and b)	-I	-n-butyl

Compound	R_1	R_{8a}
O257 (a and b)	-I	$-CH_3$
O258 (a and b)	-I	$-SCF_3$
O259 (a and b)	-I	$-N(CH_2CH_3)_2$
O260 (a and b)	-I	$-OCF_2CHF_2$
O261 (a and b)	-I	$-C(OH)(CF_3)_2$
O262 (a and b)	-I	-(1,1-dimethyl-pentyl)
O263 (a and b)	-I	-(1,1-dimethyl-acetic acid) ethyl ester
O264 (a and b)	-I	-*N*-piperidinyl

(a) means that R_3 is -H.
(b) means that R_3 is $-CH_3$.

Table 16



(Ip)

and pharmaceutically acceptable salts thereof, wherein:

Compound	R_1	R_{8a}
P1 (a and b)	-H	-H
P2 (a and b)	-H	-*tert*-butyl
P3 (a and b)	-H	-*iso*-butyl
P4 (a and b)	-H	-*sec*-butyl
P5 (a and b)	-H	-*iso*-propyl
P6 (a and b)	-H	-n-propyl
P7 (a and b)	-H	-cyclohexyl
P8 (a and b)	-H	-*tert*-butoxy
P9 (a and b)	-H	-isopropoxy
P10 (a and b)	-H	$-CF_3$
P11 (a and b)	-H	$-CH_2CF_3$
P12 (a and b)	-H	$-OCF_3$
P13 (a and b)	-H	-Cl
P14 (a and b)	-H	-Br
P15 (a and b)	-H	-I
P16 (a and b)	-H	-n-butyl

Compound	R_1	R_{8a}
P17 (a and b)	-H	$-CH_3$
P18 (a and b)	-H	$-SCF_3$
P19 (a and b)	-H	$-N(CH_2CH_3)_2$
P20 (a and b)	-H	$-OCF_2CHF_2$
P21 (a and b)	-H	$-C(OH)(CF_3)_2$
P22 (a and b)	-H	-(1,1-dimethyl-pentyl)
P23 (a and b)	-H	-(1,1-dimethyl-acetic acid) ethyl ester
P24 (a and b)	-H	-*N*-piperidinyl
P25 (a and b)	-Cl	-H
P26 (a and b)	-Cl	-*tert*-butyl
P27 (a and b)	-Cl	-*iso*-butyl
P28 (a and b)	-Cl	-*sec*-butyl
P29 (a and b)	-Cl	-*iso*-propyl
P30 (a and b)	-Cl	-n-propyl
P31 (a and b)	-Cl	-cyclohexyl
P32 (a and b)	-Cl	-*tert*-butoxy
P33 (a and b)	-Cl	-isopropoxy
P34 (a and b)	-Cl	$-CF_3$
P35 (a and b)	-Cl	$-CH_2CF_3$
P36 (a and b)	-Cl	$-OCF_3$
P37 (a and b)	-Cl	-Cl
P38 (a and b)	-Cl	-Br
P39 (a and b)	-Cl	-I
P40 (a and b)	-Cl	-n-butyl
P41 (a and b)	-Cl	$-CH_3$
P42 (a and b)	-Cl	$-SCF_3$
P43 (a and b)	-Cl	$-N(CH_2CH_3)_2$
P44 (a and b)	-Cl	$-OCF_2CHF_2$
P45 (a and b)	-Cl	$-C(OH)(CF_3)_2$
P46 (a and b)	-Cl	-(1,1-dimethyl-pentyl)

Compound	R_1	R_{8a}
P47 (a and b)	-Cl	-(1,1-dimethyl-acetic acid) ethyl ester
P48 (a and b)	-Cl	-*N*-piperidinyl
P49 (a and b)	-F	-H
P50 (a and b)	-F	-*tert*-butyl
P51 (a and b)	-F	-*iso*-butyl
P52 (a and b)	-F	-*sec*-butyl
P53 (a and b)	-F	-*iso*-propyl
P54 (a and b)	-F	-n-propyl
P55 (a and b)	-F	-cyclohexyl
P56 (a and b)	-F	-*tert*-butoxy
P57 (a and b)	-F	-isopropoxy
P58 (a and b)	-F	$-CF_3$
P59 (a and b)	-F	$-CH_2CF_3$
P60 (a and b)	-F	$-OCF_3$
P61 (a and b)	-F	-Cl
P62 (a and b)	-F	-Br
P63 (a and b)	-F	-I
P64 (a and b)	-F	-n-butyl
P65 (a and b)	-F	$-CH_3$
P66 (a and b)	-F	$-SCF_3$
P67 (a and b)	-F	$-N(CH_2CH_3)_2$
P68 (a and b)	-F	$-OCF_2CHF_2$
P69 (a and b)	-F	$-C(OH)(CF_3)_2$
P70 (a and b)	-F	-(1,1-dimethyl-pentyl)
P71 (a and b)	-F	-(1,1-dimethyl-acetic acid) ethyl ester
P72 (a and b)	-F	-*N*-piperidinyl
P73 (a and b)	$-CH_3$	-H
P74 (a and b)	$-CH_3$	-*iso*-butyl
P75 (a and b)	$-CH_3$	-*tert*-butyl
P76 (a and b)	$-CH_3$	-*sec*-butyl

Compound	R_1	R_{8a}
P77 (a and b)	$-CH_3$	-*iso*-propyl
P78 (a and b)	$-CH_3$	-n-propyl
P79 (a and b)	$-CH_3$	-cyclohexyl
P80 (a and b)	$-CH_3$	-*tert*-butoxy
P81 (a and b)	$-CH_3$	-isopropoxy
P82 (a and b)	$-CH_3$	$-CF_3$
P83 (a and b)	$-CH_3$	$-CH_2CF_3$
P84 (a and b)	$-CH_3$	$-OCF_3$
P85 (a and b)	$-CH_3$	-Cl
P86 (a and b)	$-CH_3$	-Br
P87 (a and b)	$-CH_3$	-I
P88 (a and b)	$-CH_3$	-n-butyl
P89 (a and b)	$-CH_3$	$-CH_3$
P90 (a and b)	$-CH_3$	$-SCF_3$
P91 (a and b)	$-CH_3$	$-N(CH_2CH_3)_2$
P92 (a and b)	$-CH_3$	$-OCF_2CHF_2$
P93 (a and b)	$-CH_3$	$-C(OH)(CF_3)_2$
P94 (a and b)	$-CH_3$	-(1,1-dimethyl-pentyl)
P95 (a and b)	$-CH_3$	-(1,1-dimethyl-acetic acid) ethyl ester
P96 (a and b)	$-CH_3$	-*N*-piperidinyl
P97 (a and b)	$-CF_3$	-H
P98 (a and b)	$-CF_3$	-*tert*-butyl
P99 (a and b)	$-CF_3$	-*iso*-butyl
P100 (a and b)	$-CF_3$	-*sec*-butyl
P101 (a and b)	$-CF_3$	-*iso*-propyl
P102 (a and b)	$-CF_3$	-n-propyl
P103 (a and b)	$-CF_3$	-cyclohexyl
P104 (a and b)	$-CF_3$	-*tert*-butoxy
P105 (a and b)	$-CF_3$	-isopropoxy
P106 (a and b)	$-CF_3$	$-CF_3$

Compound	R_1	R_{8a}
P107 (a and b)	$-CF_3$	$-CH_2CF_3$
P108 (a and b)	$-CF_3$	$-OCF_3$
P109 (a and b)	$-CF_3$	-Cl
P110 (a and b)	$-CF_3$	-Br
P111 (a and b)	$-CF_3$	-I
P112 (a and b)	$-CF_3$	-n-butyl
P113 (a and b)	$-CF_3$	$-CH_3$
P114 (a and b)	$-CF_3$	$-SCF_3$
P115 (a and b)	$-CF_3$	$-N(CH_2CH_3)_2$
P116 (a and b)	$-CF_3$	$-OCF_2CHF_2$
P117 (a and b)	$-CF_3$	$-C(OH)(CF_3)_2$
P118 (a and b)	$-CF_3$	-(1,1-dimethyl-pentyl)
P119 (a and b)	$-CF_3$	-(1,1-dimethyl-acetic acid) ethyl ester
P120 (a and b)	$-CF_3$	-*N*-piperidinyl
P121 (a and b)	$-CHF_2$	-*tert*-butyl
P122 (a and b)	$-CHF_2$	-H
P123 (a and b)	$-CHF_2$	-*iso*-butyl
P124 (a and b)	$-CHF_2$	-*sec*-butyl
P125 (a and b)	$-CHF_2$	-*iso*-propyl
P126 (a and b)	$-CHF_2$	-n-propyl
P127 (a and b)	$-CHF_2$	-cyclohexyl
P128 (a and b)	$-CHF_2$	-*tert*-butoxy
P129 (a and b)	$-CHF_2$	-isopropoxy
P130 (a and b)	$-CHF_2$	$-CF_3$
P131 (a and b)	$-CHF_2$	$-CH_2CF_3$
P132 (a and b)	$-CHF_2$	$-OCF_3$
P133 (a and b)	$-CHF_2$	-Cl
P134 (a and b)	$-CHF_2$	-Br
P135 (a and b)	$-CHF_2$	-I
P136 (a and b)	$-CHF_2$	-n-butyl

Compound	R_1	R_{8a}
P137 (a and b)	$-CHF_2$	$-CH_3$
P138 (a and b)	$-CHF_2$	$-SCF_3$
P139 (a and b)	$-CHF_2$	$-N(CH_2CH_3)_2$
P140 (a and b)	$-CHF_2$	$-OCF_2CHF_2$
P141 (a and b)	$-CHF_2$	$-C(OH)(CF_3)_2$
P142 (a and b)	$-CHF_2$	-(1,1-dimethyl-pentyl)
P143 (a and b)	$-CHF_2$	-(1,1-dimethyl-acetic acid) ethyl ester
P144 (a and b)	$-CHF_2$	-*N*-piperidinyl
P145 (a and b)	-OH	-H
P146 (a and b)	-OH	-*tert*-butyl
P147 (a and b)	-OH	-*iso*-butyl
P148 (a and b)	-OH	-*sec*-butyl
P149 (a and b)	-OH	-*iso*-propyl
P150 (a and b)	-OH	-n-propyl
P151 (a and b)	-OH	-cyclohexyl
P152 (a and b)	-OH	-*tert*-butoxy
P153 (a and b)	-OH	-isopropoxy
P154 (a and b)	-OH	$-CF_3$
P155 (a and b)	-OH	$-CH_2CF_3$
P156 (a and b)	-OH	$-OCF_3$
P157 (a and b)	-OH	-Cl
P158 (a and b)	-OH	-Br
P159 (a and b)	-OH	-I
P160 (a and b)	-OH	-n-butyl
P161 (a and b)	-OH	$-CH_3$
P162 (a and b)	-OH	$-SCF_3$
P163 (a and b)	-OH	$-N(CH_2CH_3)_2$
P164 (a and b)	-OH	$-OCF_2CHF_2$
P165 (a and b)	-OH	$-C(OH)(CF_3)_2$
P166 (a and b)	-OH	-(1,1-dimethyl-pentyl)

Compound	R_1	R_{8a}
P167 (a and b)	-OH	-(1,1-dimethyl-acetic acid) ethyl ester
P168 (a and b)	-OH	-*N*-piperidinyl
P169 (a and b)	$-NO_2$	-H
P170 (a and b)	$-NO_2$	-*tert*-butyl
P171 (a and b)	$-NO_2$	-*iso*-butyl
P172 (a and b)	$-NO_2$	-*sec*-butyl
P173 (a and b)	$-NO_2$	-*iso*-propyl
P174 (a and b)	$-NO_2$	-n-propyl
P175 (a and b)	$-NO_2$	-cyclohexyl
P176 (a and b)	$-NO_2$	-*tert*-butoxy
P177 (a and b)	$-NO_2$	-isopropoxy
P178 (a and b)	$-NO_2$	$-CF_3$
P179 (a and b)	$-NO_2$	$-CH_2CF_3$
P180 (a and b)	$-NO_2$	$-OCF_3$
P181 (a and b)	$-NO_2$	-Cl
P182 (a and b)	$-NO_2$	-Br
P183 (a and b)	$-NO_2$	-I
P184 (a and b)	$-NO_2$	-n-butyl
P185 (a and b)	$-NO_2$	$-CH_3$
P186 (a and b)	$-NO_2$	$-SCF_3$
P187 (a and b)	$-NO_2$	$-N(CH_2CH_3)_2$
P188 (a and b)	$-NO_2$	$-OCF_2CHF_2$
P189 (a and b)	$-NO_2$	$-C(OH)(CF_3)_2$
P190 (a and b)	$-NO_2$	-(1,1-dimethyl-pentyl)
P191 (a and b)	$-NO_2$	-(1,1-dimethyl-acetic acid) ethyl ester
P192 (a and b)	$-NO_2$	-*N*-piperidinyl
P193 (a and b)	-CN	-H
P194 (a and b)	-CN	-*tert*-butyl
P195 (a and b)	-CN	-*iso*-butyl
P196 (a and b)	-CN	-*sec*-butyl

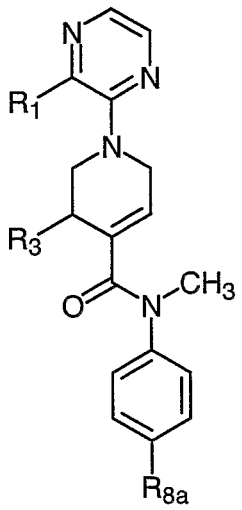
Compound	R_1	R_{8a}
P197 (a and b)	-CN	-*iso*-propyl
P198 (a and b)	-CN	-n-propyl
P199 (a and b)	-CN	-cyclohexyl
P200 (a and b)	-CN	-*tert*-butoxy
P201 (a and b)	-CN	-isopropoxy
P202 (a and b)	-CN	$-CF_3$
P203 (a and b)	-CN	$-CH_2CF_3$
P204 (a and b)	-CN	$-OCF_3$
P205 (a and b)	-CN	-Cl
P206 (a and b)	-CN	-Br
P207 (a and b)	-CN	-I
P208 (a and b)	-CN	-n-butyl
P209 (a and b)	-CN	$-CH_3$
P210 (a and b)	-CN	$-SCF_3$
P211 (a and b)	-CN	$-N(CH_2CH_3)_2$
P212 (a and b)	-CN	$-OCF_2CHF_2$
P213 (a and b)	-CN	$-C(OH)(CF_3)_2$
P214 (a and b)	-CN	-(1,1-dimethyl-pentyl)
P215 (a and b)	-CN	-(1,1-dimethyl-acetic acid) ethyl ester
P216 (a and b)	-CN	-*N*-piperidinyl
P217 (a and b)	-Br	-H
P218 (a and b)	-Br	-*tert*-butyl
P219 (a and b)	-Br	-*iso*-butyl
P220 (a and b)	-Br	-*sec*-butyl
P221 (a and b)	-Br	-*iso*-propyl
P222 (a and b)	-Br	-n-propyl
P223 (a and b)	-Br	-cyclohexyl
P224 (a and b)	-Br	-*tert*-butoxy
P225 (a and b)	-Br	-isopropoxy
P226 (a and b)	-Br	$-CF_3$

Compound	R_1	R_{8a}
P227 (a and b)	-Br	$-CH_2CF_3$
P228 (a and b)	-Br	$-OCF_3$
P229 (a and b)	-Br	-Cl
P230 (a and b)	-Br	-Br
P231 (a and b)	-Br	-I
P232 (a and b)	-Br	-n-butyl
P233 (a and b)	-Br	$-CH_3$
P234 (a and b)	-Br	$-SCF_3$
P235 (a and b)	-Br	$-N(CH_2CH_3)_2$
P236 (a and b)	-Br	$-OCF_2CHF_2$
P237 (a and b)	-Br	$-C(OH)(CF_3)_2$
P238 (a and b)	-Br	-(1,1-dimethyl-pentyl)
P239 (a and b)	-Br	-(1,1-dimethyl-acetic acid) ethyl ester
P240 (a and b)	-Br	-*N*-piperidinyl
P241 (a and b)	-I	-*tert*-butyl
P242 (a and b)	-I	-H
P243 (a and b)	-I	-*iso*-butyl
P244 (a and b)	-I	-*sec*-butyl
P245 (a and b)	-I	-*iso*-propyl
P246 (a and b)	-I	-n-propyl
P247 (a and b)	-I	-cyclohexyl
P248 (a and b)	-I	-*tert*-butoxy
P249 (a and b)	-I	-isopropoxy
P250 (a and b)	-I	$-CF_3$
P251 (a and b)	-I	$-CH_2CF_3$
P252 (a and b)	-I	$-OCF_3$
P253 (a and b)	-I	-Cl
P254 (a and b)	-I	-Br
P255 (a and b)	-I	-I
P256 (a and b)	-I	-n-butyl

Compound	R_1	R_{8a}
P257 (a and b)	-I	$-CH_3$
P258 (a and b)	-I	$-SCF_3$
P259 (a and b)	-I	$-N(CH_2CH_3)_2$
P260 (a and b)	-I	$-OCF_2CHF_2$
P261 (a and b)	-I	$-C(OH)(CF_3)_2$
P262 (a and b)	-I	-(1,1-dimethyl-pentyl)
P263 (a and b)	-I	-(1,1-dimethyl-acetic acid) ethyl ester
P264 (a and b)	-I	-*N*-piperidinyl

(a) means that R_3 is -H.
(b) means that R_3 is $-CH_3$.

Table 17



(Iq)

and pharmaceutically acceptable salts thereof, wherein:

Compound	R_1	R_{8a}
Q1 (a and b)	-H	-H
Q2 (a and b)	-H	-*tert*-butyl
Q3 (a and b)	-H	-*iso*-butyl
Q4 (a and b)	-H	-*sec*-butyl
Q5 (a and b)	-H	-*iso*-propyl
Q6 (a and b)	-H	-n-propyl
Q7 (a and b)	-H	-cyclohexyl
Q8 (a and b)	-H	-*tert*-butoxy
Q9 (a and b)	-H	-isopropoxy
Q10 (a and b)	-H	$-CF_3$
Q11 (a and b)	-H	$-CH_2CF_3$
Q12 (a and b)	-H	$-OCF_3$
Q13 (a and b)	-H	-Cl
Q14 (a and b)	-H	-Br
Q15 (a and b)	-H	-I
Q16 (a and b)	-H	-n-butyl

Compound	R_1	R_{8a}
Q17 (a and b)	-H	$-CH_3$
Q18 (a and b)	-H	$-SCF_3$
Q19 (a and b)	-H	$-N(CH_2CH_3)_2$
Q20 (a and b)	-H	$-OCF_2CHF_2$
Q21 (a and b)	-H	$-C(OH)(CF_3)_2$
Q22 (a and b)	-H	-(1,1-dimethyl-pentyl)
Q23 (a and b)	-H	-(1,1-dimethyl-acetic acid) ethyl ester
Q24 (a and b)	-H	-*N*-piperidinyl
Q25 (a and b)	-Cl	-H
Q26 (a and b)	-Cl	-*tert*-butyl
Q27 (a and b)	-Cl	-*iso*-butyl
Q28 (a and b)	-Cl	-*sec*-butyl
Q29 (a and b)	-Cl	-*iso*-propyl
Q30 (a and b)	-Cl	-n-propyl
Q31 (a and b)	-Cl	-cyclohexyl
Q32 (a and b)	-Cl	-*tert*-butoxy
Q33 (a and b)	-Cl	-isopropoxy
Q34 (a and b)	-Cl	$-CF_3$
Q35 (a and b)	-Cl	$-CH_2CF_3$
Q36 (a and b)	-Cl	$-OCF_3$
Q37 (a and b)	-Cl	-Cl
Q38 (a and b)	-Cl	-Br
Q39 (a and b)	-Cl	-I
Q40 (a and b)	-Cl	-n-butyl
Q41 (a and b)	-Cl	$-CH_3$
Q42 (a and b)	-Cl	$-SCF_3$
Q43 (a and b)	-Cl	$-N(CH_2CH_3)_2$
Q44 (a and b)	-Cl	$-OCF_2CHF_2$
Q45 (a and b)	-Cl	$-C(OH)(CF_3)_2$
Q46 (a and b)	-Cl	-(1,1-dimethyl-pentyl)

Compound	R_1	R_{8a}
Q47 (a and b)	-Cl	-(1,1-dimethyl-acetic acid) ethyl ester
Q48 (a and b)	-Cl	-*N*-piperidinyl
Q49 (a and b)	-F	-H
Q50 (a and b)	-F	-*tert*-butyl
Q51 (a and b)	-F	-*iso*-butyl
Q52 (a and b)	-F	-*sec*-butyl
Q53 (a and b)	-F	-*iso*-propyl
Q54 (a and b)	-F	-n-propyl
Q55 (a and b)	-F	-cyclohexyl
Q56 (a and b)	-F	-*tert*-butoxy
Q57 (a and b)	-F	-isopropoxy
Q58 (a and b)	-F	$-CF_3$
Q59 (a and b)	-F	$-CH_2CF_3$
Q60 (a and b)	-F	$-OCF_3$
Q61 (a and b)	-F	-Cl
Q62 (a and b)	-F	-Br
Q63 (a and b)	-F	-I
Q64 (a and b)	-F	-n-butyl
Q65 (a and b)	-F	$-CH_3$
Q66 (a and b)	-F	$-SCF_3$
Q67 (a and b)	-F	$-N(CH_2CH_3)_2$
Q68 (a and b)	-F	$-OCF_2CHF_2$
Q69 (a and b)	-F	$-C(OH)(CF_3)_2$
Q70 (a and b)	-F	-(1,1-dimethyl-pentyl)
Q71 (a and b)	-F	-(1,1-dimethyl-acetic acid) ethyl ester
Q72 (a and b)	-F	-*N*-piperidinyl
Q73 (a and b)	$-CH_3$	-H
Q74 (a and b)	$-CH_3$	-*iso*-butyl
Q75 (a and b)	$-CH_3$	-*tert*-butyl
Q76 (a and b)	$-CH_3$	-*sec*-butyl

Compound	R_1	R_{8a}
Q77 (a and b)	$-CH_3$	-*iso*-propyl
Q78 (a and b)	$-CH_3$	-n-propyl
Q79 (a and b)	$-CH_3$	-cyclohexyl
Q80 (a and b)	$-CH_3$	-*tert*-butoxy
Q81 (a and b)	$-CH_3$	-isopropoxy
Q82 (a and b)	$-CH_3$	$-CF_3$
Q83 (a and b)	$-CH_3$	$-CH_2CF_3$
Q84 (a and b)	$-CH_3$	$-OCF_3$
Q85 (a and b)	$-CH_3$	-Cl
Q86 (a and b)	$-CH_3$	-Br
Q87 (a and b)	$-CH_3$	-I
Q88 (a and b)	$-CH_3$	-n-butyl
Q89 (a and b)	$-CH_3$	$-CH_3$
Q90 (a and b)	$-CH_3$	$-SCF_3$
Q91 (a and b)	$-CH_3$	$-N(CH_2CH_3)_2$
Q92 (a and b)	$-CH_3$	$-OCF_2CHF_2$
Q93 (a and b)	$-CH_3$	$-C(OH)(CF_3)_2$
Q94 (a and b)	$-CH_3$	-(1,1-dimethyl-pentyl)
Q95 (a and b)	$-CH_3$	-(1,1-dimethyl-acetic acid) ethyl ester
Q96 (a and b)	$-CH_3$	-*N*-piperidinyl
Q97 (a and b)	$-CF_3$	-H
Q98 (a and b)	$-CF_3$	-*tert*-butyl
Q99 (a and b)	$-CF_3$	-*iso*-butyl
Q100 (a and b)	$-CF_3$	-*sec*-butyl
Q101 (a and b)	$-CF_3$	-*iso*-propyl
Q102 (a and b)	$-CF_3$	-n-propyl
Q103 (a and b)	$-CF_3$	-cyclohexyl
Q104 (a and b)	$-CF_3$	-*tert*-butoxy
Q105 (a and b)	$-CF_3$	-isopropoxy
Q106 (a and b)	$-CF_3$	$-CF_3$

Compound	R_1	R_{8a}
Q107 (a and b)	$-CF_3$	$-CH_2CF_3$
Q108 (a and b)	$-CF_3$	$-OCF_3$
Q109 (a and b)	$-CF_3$	-Cl
Q110 (a and b)	$-CF_3$	-Br
Q111 (a and b)	$-CF_3$	-I
Q112 (a and b)	$-CF_3$	-n-butyl
Q113 (a and b)	$-CF_3$	$-CH_3$
Q114 (a and b)	$-CF_3$	$-SCF_3$
Q115 (a and b)	$-CF_3$	$-N(CH_2CH_3)_2$
Q116 (a and b)	$-CF_3$	$-OCF_2CHF_2$
Q117 (a and b)	$-CF_3$	$-C(OH)(CF_3)_2$
Q118 (a and b)	$-CF_3$	-(1,1-dimethyl-pentyl)
Q119 (a and b)	$-CF_3$	-(1,1-dimethyl-acetic acid) ethyl ester
Q120 (a and b)	$-CF_3$	-*N*-piperidinyl
Q121 (a and b)	$-CHF_2$	-*tert*-butyl
Q122 (a and b)	$-CHF_2$	-H
Q123 (a and b)	$-CHF_2$	-*iso*-butyl
Q124 (a and b)	$-CHF_2$	-*sec*-butyl
Q125 (a and b)	$-CHF_2$	-*iso*-propyl
Q126 (a and b)	$-CHF_2$	-n-propyl
Q127 (a and b)	$-CHF_2$	-cyclohexyl
Q128 (a and b)	$-CHF_2$	-*tert*-butoxy
Q129 (a and b)	$-CHF_2$	-isopropoxy
Q130 (a and b)	$-CHF_2$	$-CF_3$
Q131 (a and b)	$-CHF_2$	$-CH_2CF_3$
Q132 (a and b)	$-CHF_2$	$-OCF_3$
Q133 (a and b)	$-CHF_2$	-Cl
Q134 (a and b)	$-CHF_2$	-Br
Q135 (a and b)	$-CHF_2$	-I
Q136 (a and b)	$-CHF_2$	-n-butyl

Compound	R_1	R_{8a}
Q137 (a and b)	$-CHF_2$	$-CH_3$
Q138 (a and b)	$-CHF_2$	$-SCF_3$
Q139 (a and b)	$-CHF_2$	$-N(CH_2CH_3)_2$
Q140 (a and b)	$-CHF_2$	$-OCF_2CHF_2$
Q141 (a and b)	$-CHF_2$	$-C(OH)(CF_3)_2$
Q142 (a and b)	$-CHF_2$	-(1,1-dimethyl-pentyl)
Q143 (a and b)	$-CHF_2$	-(1,1-dimethyl-acetic acid) ethyl ester
Q144 (a and b)	$-CHF_2$	-*N*-piperidinyl
Q145 (a and b)	-OH	-H
Q146 (a and b)	-OH	-*tert*-butyl
Q147 (a and b)	-OH	-*iso*-butyl
Q148 (a and b)	-OH	-*sec*-butyl
Q149 (a and b)	-OH	-*iso*-propyl
Q150 (a and b)	-OH	-n-propyl
Q151 (a and b)	-OH	-cyclohexyl
Q152 (a and b)	-OH	-*tert*-butoxy
Q153 (a and b)	-OH	-isopropoxy
Q154 (a and b)	-OH	$-CF_3$
Q155 (a and b)	-OH	$-CH_2CF_3$
Q156 (a and b)	-OH	$-OCF_3$
Q157 (a and b)	-OH	-Cl
Q158 (a and b)	-OH	-Br
Q159 (a and b)	-OH	-I
Q160 (a and b)	-OH	-n-butyl
Q161 (a and b)	-OH	$-CH_3$
Q162 (a and b)	-OH	$-SCF_3$
Q163 (a and b)	-OH	$-N(CH_2CH_3)_2$
Q164 (a and b)	-OH	$-OCF_2CHF_2$
Q165 (a and b)	-OH	$-C(OH)(CF_3)_2$
Q166 (a and b)	-OH	-(1,1-dimethyl-pentyl)

Compound	R_1	R_{8a}
Q167 (a and b)	-OH	-(1,1-dimethyl-acetic acid) ethyl ester
Q168 (a and b)	-OH	-*N*-piperidinyl
Q169 (a and b)	$-NO_2$	-H
Q170 (a and b)	$-NO_2$	-*tert*-butyl
Q171 (a and b)	$-NO_2$	-*iso*-butyl
Q172 (a and b)	$-NO_2$	-*sec*-butyl
Q173 (a and b)	$-NO_2$	-*iso*-propyl
Q174 (a and b)	$-NO_2$	-n-propyl
Q175 (a and b)	$-NO_2$	-cyclohexyl
Q176 (a and b)	$-NO_2$	-*tert*-butoxy
Q177 (a and b)	$-NO_2$	-isopropoxy
Q178 (a and b)	$-NO_2$	$-CF_3$
Q179 (a and b)	$-NO_2$	$-CH_2CF_3$
Q180 (a and b)	$-NO_2$	$-OCF_3$
Q181 (a and b)	$-NO_2$	-Cl
Q182 (a and b)	$-NO_2$	-Br
Q183 (a and b)	$-NO_2$	-I
Q184 (a and b)	$-NO_2$	-n-butyl
Q185 (a and b)	$-NO_2$	$-CH_3$
Q186 (a and b)	$-NO_2$	$-SCF_3$
Q187 (a and b)	$-NO_2$	$-N(CH_2CH_3)_2$
Q188 (a and b)	$-NO_2$	$-OCF_2CHF_2$
Q189 (a and b)	$-NO_2$	$-C(OH)(CF_3)_2$
Q190 (a and b)	$-NO_2$	-(1,1-dimethyl-pentyl)
Q191 (a and b)	$-NO_2$	-(1,1-dimethyl-acetic acid) ethyl ester
Q192 (a and b)	$-NO_2$	-*N*-piperidinyl
Q193 (a and b)	-CN	-H
Q194 (a and b)	-CN	-*tert*-butyl
Q195 (a and b)	-CN	-*iso*-butyl
Q196 (a and b)	-CN	-*sec*-butyl

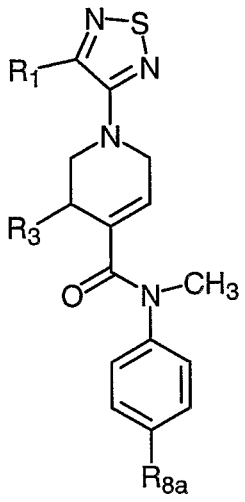
Compound	R_1	R_{8a}
Q197 (a and b)	-CN	-*iso*-propyl
Q198 (a and b)	-CN	-n-propyl
Q199 (a and b)	-CN	-cyclohexyl
Q200 (a and b)	-CN	-*tert*-butoxy
Q201 (a and b)	-CN	-isopropoxy
Q202 (a and b)	-CN	$-CF_3$
Q203 (a and b)	-CN	$-CH_2CF_3$
Q204 (a and b)	-CN	$-OCF_3$
Q205 (a and b)	-CN	-Cl
Q206 (a and b)	-CN	-Br
Q207 (a and b)	-CN	-I
Q208 (a and b)	-CN	-n-butyl
Q209 (a and b)	-CN	$-CH_3$
Q210 (a and b)	-CN	$-SCF_3$
Q211 (a and b)	-CN	$-N(CH_2CH_3)_2$
Q212 (a and b)	-CN	$-OCF_2CHF_2$
Q213 (a and b)	-CN	$-C(OH)(CF_3)_2$
Q214 (a and b)	-CN	-(1,1-dimethyl-pentyl)
Q215 (a and b)	-CN	-(1,1-dimethyl-acetic acid) ethyl ester
Q216 (a and b)	-CN	-*N*-piperidinyl
Q217 (a and b)	-Br	-H
Q218 (a and b)	-Br	-*tert*-butyl
Q219 (a and b)	-Br	-*iso*-butyl
Q220 (a and b)	-Br	-*sec*-butyl
Q221 (a and b)	-Br	-*iso*-propyl
Q222 (a and b)	-Br	-n-propyl
Q223 (a and b)	-Br	-cyclohexyl
Q224 (a and b)	-Br	-*tert*-butoxy
Q225 (a and b)	-Br	-isopropoxy
Q226 (a and b)	-Br	$-CF_3$

Compound	R_1	R_{8a}
Q227 (a and b)	-Br	$-CH_2CF_3$
Q228 (a and b)	-Br	$-OCF_3$
Q229 (a and b)	-Br	-Cl
Q230 (a and b)	-Br	-Br
Q231 (a and b)	-Br	-I
Q232 (a and b)	-Br	-n-butyl
Q233 (a and b)	-Br	$-CH_3$
Q234 (a and b)	-Br	$-SCF_3$
Q235 (a and b)	-Br	$-N(CH_2CH_3)_2$
Q236 (a and b)	-Br	$-OCF_2CHF_2$
Q237 (a and b)	-Br	$-C(OH)(CF_3)_2$
Q238 (a and b)	-Br	-(1,1-dimethyl-pentyl)
Q239 (a and b)	-Br	-(1,1-dimethyl-acetic acid) ethyl ester
Q240 (a and b)	-Br	-*N*-piperidinyl
Q241 (a and b)	-I	-*tert*-butyl
Q242 (a and b)	-I	-H
Q243 (a and b)	-I	-*iso*-butyl
Q244 (a and b)	-I	-*sec*-butyl
Q245 (a and b)	-I	-*iso*-propyl
Q246 (a and b)	-I	-n-propyl
Q247 (a and b)	-I	-cyclohexyl
Q248 (a and b)	-I	-*tert*-butoxy
Q249 (a and b)	-I	-isopropoxy
Q250 (a and b)	-I	$-CF_3$
Q251 (a and b)	-I	$-CH_2CF_3$
Q252 (a and b)	-I	$-OCF_3$
Q253 (a and b)	-I	-Cl
Q254 (a and b)	-I	-Br
Q255 (a and b)	-I	-I
Q256 (a and b)	-I	-n-butyl

Compound	R_1	R_{8a}
Q257 (a and b)	-I	$-CH_3$
Q258 (a and b)	-I	$-SCF_3$
Q259 (a and b)	-I	$-N(CH_2CH_3)_2$
Q260 (a and b)	-I	$-OCF_2CHF_2$
Q261 (a and b)	-I	$-C(OH)(CF_3)_2$
Q262 (a and b)	-I	-(1,1-dimethyl-pentyl)
Q263 (a and b)	-I	-(1,1-dimethyl-acetic acid) ethyl ester
Q264 (a and b)	-I	-*N*-piperidinyl

(a) means that R_3 is -H.
(b) means that R_3 is $-CH_3$.

Table 18



(Ir)

and pharmaceutically acceptable salts thereof, wherein:

5

Compound	R_1	R_{8a}
R1 (a and b)	-H	-H
R2 (a and b)	-H	-*tert*-butyl
R3 (a and b)	-H	-*iso*-butyl
R4 (a and b)	-H	-*sec*-butyl
R5 (a and b)	-H	-*iso*-propyl
R6 (a and b)	-H	-n-propyl
R7 (a and b)	-H	-cyclohexyl
R8 (a and b)	-H	-*tert*-butoxy
R9 (a and b)	-H	-isopropoxy
R10 (a and b)	-H	$-CF_3$
R11 (a and b)	-H	$-CH_2CF_3$
R12 (a and b)	-H	$-OCF_3$
R13 (a and b)	-H	-Cl
R14 (a and b)	-H	-Br
R15 (a and b)	-H	-I
R16 (a and b)	-H	-n-butyl

Compound	R_1	R_{8a}
R17 (a and b)	-H	$-CH_3$
R18 (a and b)	-H	$-SCF_3$
R19 (a and b)	-H	$-N(CH_2CH_3)_2$
R20 (a and b)	-H	$-OCF_2CHF_2$
R21 (a and b)	-H	$-C(OH)(CF_3)_2$
R22 (a and b)	-H	-(1,1-dimethyl-pentyl)
R23 (a and b)	-H	-(1,1-dimethyl-acetic acid) ethyl ester
R24 (a and b)	-H	-*N*-piperidinyl
R25 (a and b)	-Cl	-H
R26 (a and b)	-Cl	-*tert*-butyl
R27 (a and b)	-Cl	-*iso*-butyl
R28 (a and b)	-Cl	-*sec*-butyl
R29 (a and b)	-Cl	-*iso*-propyl
R30 (a and b)	-Cl	-n-propyl
R31 (a and b)	-Cl	-cyclohexyl
R32 (a and b)	-Cl	-*tert*-butoxy
R33 (a and b)	-Cl	-isopropoxy
R34 (a and b)	-Cl	$-CF_3$
R35 (a and b)	-Cl	$-CH_2CF_3$
R36 (a and b)	-Cl	$-OCF_3$
R37 (a and b)	-Cl	-Cl
R38 (a and b)	-Cl	-Br
R39 (a and b)	-Cl	-I
R40 (a and b)	-Cl	-n-butyl
R41 (a and b)	-Cl	$-CH_3$
R42 (a and b)	-Cl	$-SCF_3$
R43 (a and b)	-Cl	$-N(CH_2CH_3)_2$
R44 (a and b)	-Cl	$-OCF_2CHF_2$
R45 (a and b)	-Cl	$-C(OH)(CF_3)_2$
R46 (a and b)	-Cl	-(1,1-dimethyl-pentyl)

Compound	R_1	R_{8a}
R47 (a and b)	-Cl	-(1,1-dimethyl-acetic acid) ethyl ester
R48 (a and b)	-Cl	-*N*-piperidinyl
R49 (a and b)	-F	-H
R50 (a and b)	-F	-*tert*-butyl
R51 (a and b)	-F	-*iso*-butyl
R52 (a and b)	-F	-*sec*-butyl
R53 (a and b)	-F	-*iso*-propyl
R54 (a and b)	-F	-n-propyl
R55 (a and b)	-F	-cyclohexyl
R56 (a and b)	-F	-*tert*-butoxy
R57 (a and b)	-F	-isopropoxy
R58 (a and b)	-F	$-CF_3$
R59 (a and b)	-F	$-CH_2CF_3$
R60 (a and b)	-F	$-OCF_3$
R61 (a and b)	-F	-Cl
R62 (a and b)	-F	-Br
R63 (a and b)	-F	-I
R64 (a and b)	-F	-n-butyl
R65 (a and b)	-F	$-CH_3$
R66 (a and b)	-F	$-SCF_3$
R67 (a and b)	-F	$-N(CH_2CH_3)_2$
R68 (a and b)	-F	$-OCF_2CHF_2$
R69 (a and b)	-F	$-C(OH)(CF_3)_2$
R70 (a and b)	-F	-(1,1-dimethyl-pentyl)
R71 (a and b)	-F	-(1,1-dimethyl-acetic acid) ethyl ester
R72 (a and b)	-F	-*N*-piperidinyl
R73 (a and b)	$-CH_3$	-H
R74 (a and b)	$-CH_3$	-*iso*-butyl
R75 (a and b)	$-CH_3$	-*tert*-butyl
R76 (a and b)	$-CH_3$	-*sec*-butyl

Compound	R_1	R_{8a}
R77 (a and b)	$-CH_3$	-*iso*-propyl
R78 (a and b)	$-CH_3$	-n-propyl
R79 (a and b)	$-CH_3$	-cyclohexyl
R80 (a and b)	$-CH_3$	-*tert*-butoxy
R81 (a and b)	$-CH_3$	-isopropoxy
R82 (a and b)	$-CH_3$	$-CF_3$
R83 (a and b)	$-CH_3$	$-CH_2CF_3$
R84 (a and b)	$-CH_3$	$-OCF_3$
R85 (a and b)	$-CH_3$	-Cl
R86 (a and b)	$-CH_3$	-Br
R87 (a and b)	$-CH_3$	-I
R88 (a and b)	$-CH_3$	-n-butyl
R89 (a and b)	$-CH_3$	$-CH_3$
R90 (a and b)	$-CH_3$	$-SCF_3$
R91 (a and b)	$-CH_3$	$-N(CH_2CH_3)_2$
R92 (a and b)	$-CH_3$	$-OCF_2CHF_2$
R93 (a and b)	$-CH_3$	$-C(OH)(CF_3)_2$
R94 (a and b)	$-CH_3$	-(1,1-dimethyl-pentyl)
R95 (a and b)	$-CH_3$	-(1,1-dimethyl-acetic acid) ethyl ester
R96 (a and b)	$-CH_3$	-*N*-piperidinyl
R97 (a and b)	$-CF_3$	-H
R98 (a and b)	$-CF_3$	-*tert*-butyl
R99 (a and b)	$-CF_3$	-*iso*-butyl
R100 (a and b)	$-CF_3$	-*sec*-butyl
R101 (a and b)	$-CF_3$	-*iso*-propyl
R102 (a and b)	$-CF_3$	-n-propyl
R103 (a and b)	$-CF_3$	-cyclohexyl
R104 (a and b)	$-CF_3$	-*tert*-butoxy
R105 (a and b)	$-CF_3$	-isopropoxy
R106 (a and b)	$-CF_3$	$-CF_3$

Compound	R_1	R_{8a}
R107 (a and b)	$-CF_3$	$-CH_2CF_3$
R108 (a and b)	$-CF_3$	$-OCF_3$
R109 (a and b)	$-CF_3$	-Cl
R110 (a and b)	$-CF_3$	-Br
R111 (a and b)	$-CF_3$	-I
R112 (a and b)	$-CF_3$	-n-butyl
R113 (a and b)	$-CF_3$	$-CH_3$
R114 (a and b)	$-CF_3$	$-SCF_3$
R115 (a and b)	$-CF_3$	$-N(CH_2CH_3)_2$
R116 (a and b)	$-CF_3$	$-OCF_2CHF_2$
R117 (a and b)	$-CF_3$	$-C(OH)(CF_3)_2$
R118 (a and b)	$-CF_3$	-(1,1-dimethyl-pentyl)
R119 (a and b)	$-CF_3$	-(1,1-dimethyl-acetic acid) ethyl ester
R120 (a and b)	$-CF_3$	-*N*-piperidinyl
R121 (a and b)	$-CHF_2$	-*tert*-butyl
R122 (a and b)	$-CHF_2$	-H
R123 (a and b)	$-CHF_2$	-*iso*-butyl
R124 (a and b)	$-CHF_2$	-*sec*-butyl
R125 (a and b)	$-CHF_2$	-*iso*-propyl
R126 (a and b)	$-CHF_2$	-n-propyl
R127 (a and b)	$-CHF_2$	-cyclohexyl
R128 (a and b)	$-CHF_2$	-*tert*-butoxy
R129 (a and b)	$-CHF_2$	-isopropoxy
R130 (a and b)	$-CHF_2$	$-CF_3$
R131 (a and b)	$-CHF_2$	$-CH_2CF_3$
R132 (a and b)	$-CHF_2$	$-OCF_3$
R133 (a and b)	$-CHF_2$	-Cl
R134 (a and b)	$-CHF_2$	-Br
R135 (a and b)	$-CHF_2$	-I
R136 (a and b)	$-CHF_2$	-n-butyl

Compound	R_1	R_{8a}
R137 (a and b)	$-CHF_2$	$-CH_3$
R138 (a and b)	$-CHF_2$	$-SCF_3$
R139 (a and b)	$-CHF_2$	$-N(CH_2CH_3)_2$
R140 (a and b)	$-CHF_2$	$-OCF_2CHF_2$
R141 (a and b)	$-CHF_2$	$-C(OH)(CF_3)_2$
R142 (a and b)	$-CHF_2$	-(1,1-dimethyl-pentyl)
R143 (a and b)	$-CHF_2$	-(1,1-dimethyl-acetic acid) ethyl ester
R144 (a and b)	$-CHF_2$	-*N*-piperidinyl
R145 (a and b)	-OH	-H
R146 (a and b)	-OH	-*tert*-butyl
R147 (a and b)	-OH	-*iso*-butyl
R148 (a and b)	-OH	-*sec*-butyl
R149 (a and b)	-OH	-*iso*-propyl
R150 (a and b)	-OH	-n-propyl
R151 (a and b)	-OH	-cyclohexyl
R152 (a and b)	-OH	-*tert*-butoxy
R153 (a and b)	-OH	-isopropoxy
R154 (a and b)	-OH	$-CF_3$
R155 (a and b)	-OH	$-CH_2CF_3$
R156 (a and b)	-OH	$-OCF_3$
R157 (a and b)	-OH	-Cl
R158 (a and b)	-OH	-Br
R159 (a and b)	-OH	-I
R160 (a and b)	-OH	-n-butyl
R161 (a and b)	-OH	$-CH_3$
R162 (a and b)	-OH	$-SCF_3$
R163 (a and b)	-OH	$-N(CH_2CH_3)_2$
R164 (a and b)	-OH	$-OCF_2CHF_2$
R165 (a and b)	-OH	$-C(OH)(CF_3)_2$
R166 (a and b)	-OH	-(1,1-dimethyl-pentyl)

Compound	R_1	R_{8a}
R167 (a and b)	-OH	-(1,1-dimethyl-acetic acid) ethyl ester
R168 (a and b)	-OH	-*N*-piperidinyl
R169 (a and b)	$-NO_2$	-H
R170 (a and b)	$-NO_2$	-*tert*-butyl
R171 (a and b)	$-NO_2$	-*iso*-butyl
R172 (a and b)	$-NO_2$	-*sec*-butyl
R173 (a and b)	$-NO_2$	-*iso*-propyl
R174 (a and b)	$-NO_2$	-n-propyl
R175 (a and b)	$-NO_2$	-cyclohexyl
R176 (a and b)	$-NO_2$	-*tert*-butoxy
R177 (a and b)	$-NO_2$	-isopropoxy
R178 (a and b)	$-NO_2$	$-CF_3$
R179 (a and b)	$-NO_2$	$-CH_2CF_3$
R180 (a and b)	$-NO_2$	$-OCF_3$
R181 (a and b)	$-NO_2$	-Cl
R182 (a and b)	$-NO_2$	-Br
R183 (a and b)	$-NO_2$	-I
R184 (a and b)	$-NO_2$	-n-butyl
R185 (a and b)	$-NO_2$	$-CH_3$
R186 (a and b)	$-NO_2$	$-SCF_3$
R187 (a and b)	$-NO_2$	$-N(CH_2CH_3)_2$
R188 (a and b)	$-NO_2$	$-OCF_2CHF_2$
R189 (a and b)	$-NO_2$	$-C(OH)(CF_3)_2$
R190 (a and b)	$-NO_2$	-(1,1-dimethyl-pentyl)
R191 (a and b)	$-NO_2$	-(1,1-dimethyl-acetic acid) ethyl ester
R192 (a and b)	$-NO_2$	-*N*-piperidinyl
R193 (a and b)	-CN	-H
R194 (a and b)	-CN	-*tert*-butyl
R195 (a and b)	-CN	-*iso*-butyl
R196 (a and b)	-CN	-*sec*-butyl

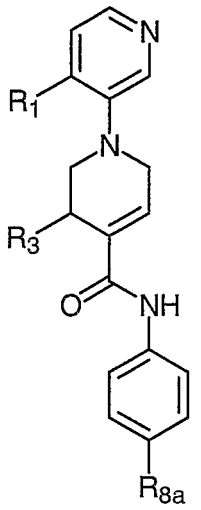
Compound	R_1	R_{8a}
R197 (a and b)	-CN	-*iso*-propyl
R198 (a and b)	-CN	-n-propyl
R199 (a and b)	-CN	-cyclohexyl
R200 (a and b)	-CN	-*tert*-butoxy
R201 (a and b)	-CN	-isopropoxy
R202 (a and b)	-CN	$-CF_3$
R203 (a and b)	-CN	$-CH_2CF_3$
R204 (a and b)	-CN	$-OCF_3$
R205 (a and b)	-CN	-Cl
R206 (a and b)	-CN	-Br
R207 (a and b)	-CN	-I
R208 (a and b)	-CN	-n-butyl
R209 (a and b)	-CN	$-CH_3$
R210 (a and b)	-CN	$-SCF_3$
R211 (a and b)	-CN	$-N(CH_2CH_3)_2$
R212 (a and b)	-CN	$-OCF_2CHF_2$
R213 (a and b)	-CN	$-C(OH)(CF_3)_2$
R214 (a and b)	-CN	-(1,1-dimethyl-pentyl)
R215 (a and b)	-CN	-(1,1-dimethyl-acetic acid) ethyl ester
R216 (a and b)	-CN	-*N*-piperidinyl
R217 (a and b)	-Br	-H
R218 (a and b)	-Br	-*tert*-butyl
R219 (a and b)	-Br	-*iso*-butyl
R220 (a and b)	-Br	-*sec*-butyl
R221 (a and b)	-Br	-*iso*-propyl
R222 (a and b)	-Br	-n-propyl
R223 (a and b)	-Br	-cyclohexyl
R224 (a and b)	-Br	-*tert*-butoxy
R225 (a and b)	-Br	-isopropoxy
R226 (a and b)	-Br	$-CF_3$

Compound	R_1	R_{8a}
R227 (a and b)	-Br	$-CH_2CF_3$
R228 (a and b)	-Br	$-OCF_3$
R229 (a and b)	-Br	-Cl
R230 (a and b)	-Br	-Br
R231 (a and b)	-Br	-I
R232 (a and b)	-Br	-n-butyl
R233 (a and b)	-Br	$-CH_3$
R234 (a and b)	-Br	$-SCF_3$
R235 (a and b)	-Br	$-N(CH_2CH_3)_2$
R236 (a and b)	-Br	$-OCF_2CHF_2$
R237 (a and b)	-Br	$-C(OH)(CF_3)_2$
R238 (a and b)	-Br	-(1,1-dimethyl-pentyl)
R239 (a and b)	-Br	-(1,1-dimethyl-acetic acid) ethyl ester
R240 (a and b)	-Br	-*N*-piperidinyl
R241 (a and b)	-I	-*tert*-butyl
R242 (a and b)	-I	-H
R243 (a and b)	-I	-*iso*-butyl
R244 (a and b)	-I	-*sec*-butyl
R245 (a and b)	-I	-*iso*-propyl
R246 (a and b)	-I	-n-propyl
R247 (a and b)	-I	-cyclohexyl
R248 (a and b)	-I	-*tert*-butoxy
R249 (a and b)	-I	-isopropoxy
R250 (a and b)	-I	$-CF_3$
R251 (a and b)	-I	$-CH_2CF_3$
R252 (a and b)	-I	$-OCF_3$
R253 (a and b)	-I	-Cl
R254 (a and b)	-I	-Br
R255 (a and b)	-I	-I
R256 (a and b)	-I	-n-butyl

Compound	R_1	R_{8a}
R257 (a and b)	-I	$-CH_3$
R258 (a and b)	-I	$-SCF_3$
R259 (a and b)	-I	$-N(CH_2CH_3)_2$
R260 (a and b)	-I	$-OCF_2CHF_2$
R261 (a and b)	-I	$-C(OH)(CF_3)_2$
R262 (a and b)	-I	-(1,1-dimethyl-pentyl)
R263 (a and b)	-I	-(1,1-dimethyl-acetic acid) ethyl ester
R264 (a and b)	-I	-*N*-piperidinyl

(a) means that R_3 is -H.
(b) means that R_3 is $-CH_3$.

Table 19



(Is)

and pharmaceutically acceptable salts thereof, wherein:

Compound	R_1	R_{8a}
S1 (a and b)	-H	-H
S2 (a and b)	-H	-*tert*-butyl
S3 (a and b)	-H	-*iso*-butyl
S4 (a and b)	-H	-*sec*-butyl
S5 (a and b)	-H	-*iso*-propyl
S6 (a and b)	-H	-n-propyl
S7 (a and b)	-H	-cyclohexyl
S8 (a and b)	-H	-*tert*-butoxy
S9 (a and b)	-H	-isopropoxy
S10 (a and b)	-H	$-CF_3$
S11 (a and b)	-H	$-CH_2CF_3$
S12 (a and b)	-H	$-OCF_3$
S13 (a and b)	-H	-Cl
S14 (a and b)	-H	-Br
S15 (a and b)	-H	-I
S16 (a and b)	-H	-n-butyl

Compound	R_1	R_{8a}
S17 (a and b)	-H	$-CH_3$
S18 (a and b)	-H	$-SCF_3$
S19 (a and b)	-H	$-N(CH_2CH_3)_2$
S20 (a and b)	-H	$-OCF_2CHF_2$
S21 (a and b)	-H	$-C(OH)(CF_3)_2$
S22 (a and b)	-H	-(1,1-dimethyl-pentyl)
S23 (a and b)	-H	-(1,1-dimethyl-acetic acid) ethyl ester
S24 (a and b)	-H	-*N*-piperidinyl
S25 (a and b)	-Cl	-H
S26 (a and b)	-Cl	-*tert*-butyl
S27 (a and b)	-Cl	-*iso*-butyl
S28 (a and b)	-Cl	-*sec*-butyl
S29 (a and b)	-Cl	-*iso*-propyl
S30 (a and b)	-Cl	-n-propyl
S31 (a and b)	-Cl	-cyclohexyl
S32 (a and b)	-Cl	-*tert*-butoxy
S33 (a and b)	-Cl	-isopropoxy
S34 (a and b)	-Cl	$-CF_3$
S35 (a and b)	-Cl	$-CH_2CF_3$
S36 (a and b)	-Cl	$-OCF_3$
S37 (a and b)	-Cl	-Cl
S38 (a and b)	-Cl	-Br
S39 (a and b)	-Cl	-I
S40 (a and b)	-Cl	-n-butyl
S41 (a and b)	-Cl	$-CH_3$
S42 (a and b)	-Cl	$-SCF_3$
S43 (a and b)	-Cl	$-N(CH_2CH_3)_2$
S44 (a and b)	-Cl	$-OCF_2CHF_2$
S45 (a and b)	-Cl	$-C(OH)(CF_3)_2$
S46 (a and b)	-Cl	-(1,1-dimethyl-pentyl)

Compound	R_1	R_{8a}
S47 (a and b)	-Cl	-(1,1-dimethyl-acetic acid) ethyl ester
S48 (a and b)	-Cl	-*N*-piperidinyl
S49 (a and b)	-F	-H
S50 (a and b)	-F	-*tert*-butyl
S51 (a and b)	-F	-*iso*-butyl
S52 (a and b)	-F	-*sec*-butyl
S53 (a and b)	-F	-*iso*-propyl
S54 (a and b)	-F	-n-propyl
S55 (a and b)	-F	-cyclohexyl
S56 (a and b)	-F	-*tert*-butoxy
S57 (a and b)	-F	-isopropoxy
S58 (a and b)	-F	$-CF_3$
S59 (a and b)	-F	$-CH_2CF_3$
S60 (a and b)	-F	$-OCF_3$
S61 (a and b)	-F	-Cl
S62 (a and b)	-F	-Br
S63 (a and b)	-F	-I
S64 (a and b)	-F	-n-butyl
S65 (a and b)	-F	$-CH_3$
S66 (a and b)	-F	$-SCF_3$
S67 (a and b)	-F	$-N(CH_2CH_3)_2$
S68 (a and b)	-F	$-OCF_2CHF_2$
S69 (a and b)	-F	$-C(OH)(CF_3)_2$
S70 (a and b)	-F	-(1,1-dimethyl-pentyl)
S71 (a and b)	-F	-(1,1-dimethyl-acetic acid) ethyl ester
S72 (a and b)	-F	-*N*-piperidinyl
S73 (a and b)	$-CH_3$	-H
S74 (a and b)	$-CH_3$	-*iso*-butyl
S75 (a and b)	$-CH_3$	-*tert*-butyl
S76 (a and b)	$-CH_3$	-*sec*-butyl

Compound	R_1	R_{8a}
S77 (a and b)	$-CH_3$	-*iso*-propyl
S78 (a and b)	$-CH_3$	-n-propyl
S79 (a and b)	$-CH_3$	-cyclohexyl
S80 (a and b)	$-CH_3$	-*tert*-butoxy
S81 (a and b)	$-CH_3$	-isopropoxy
S82 (a and b)	$-CH_3$	$-CF_3$
S83 (a and b)	$-CH_3$	$-CH_2CF_3$
S84 (a and b)	$-CH_3$	$-OCF_3$
S85 (a and b)	$-CH_3$	-Cl
S86 (a and b)	$-CH_3$	-Br
S87 (a and b)	$-CH_3$	-I
S88 (a and b)	$-CH_3$	-n-butyl
S89 (a and b)	$-CH_3$	$-CH_3$
S90 (a and b)	$-CH_3$	$-SCF_3$
S91 (a and b)	$-CH_3$	$-N(CH_2CH_3)_2$
S92 (a and b)	$-CH_3$	$-OCF_2CHF_2$
S93 (a and b)	$-CH_3$	$-C(OH)(CF_3)_2$
S94 (a and b)	$-CH_3$	-(1,1-dimethyl-pentyl)
S95 (a and b)	$-CH_3$	-(1,1-dimethyl-acetic acid) ethyl ester
S96 (a and b)	$-CH_3$	-*N*-piperidinyl
S97 (a and b)	$-CF_3$	-H
S98 (a and b)	$-CF_3$	-*tert*-butyl
S99 (a and b)	$-CF_3$	-*iso*-butyl
S100 (a and b)	$-CF_3$	-*sec*-butyl
S101 (a and b)	$-CF_3$	-*iso*-propyl
S102 (a and b)	$-CF_3$	-n-propyl
S103 (a and b)	$-CF_3$	-cyclohexyl
S104 (a and b)	$-CF_3$	-*tert*-butoxy
S105 (a and b)	$-CF_3$	-isopropoxy
S106 (a and b)	$-CF_3$	$-CF_3$

Compound	R_1	R_{8a}
S107 (a and b)	$-CF_3$	$-CH_2CF_3$
S108 (a and b)	$-CF_3$	$-OCF_3$
S109 (a and b)	$-CF_3$	-Cl
S110 (a and b)	$-CF_3$	-Br
S111 (a and b)	$-CF_3$	-I
S112 (a and b)	$-CF_3$	-n-butyl
S113 (a and b)	$-CF_3$	$-CH_3$
S114 (a and b)	$-CF_3$	$-SCF_3$
S115 (a and b)	$-CF_3$	$-N(CH_2CH_3)_2$
S116 (a and b)	$-CF_3$	$-OCF_2CHF_2$
S117 (a and b)	$-CF_3$	$-C(OH)(CF_3)_2$
S118 (a and b)	$-CF_3$	-(1,1-dimethyl-pentyl)
S119 (a and b)	$-CF_3$	-(1,1-dimethyl-acetic acid) ethyl ester
S120 (a and b)	$-CF_3$	-*N*-piperidinyl
S121 (a and b)	$-CHF_2$	-*tert*-butyl
S122 (a and b)	$-CHF_2$	-H
S123 (a and b)	$-CHF_2$	-*iso*-butyl
S124 (a and b)	$-CHF_2$	-*sec*-butyl
S125 (a and b)	$-CHF_2$	-*iso*-propyl
S126 (a and b)	$-CHF_2$	-n-propyl
S127 (a and b)	$-CHF_2$	-cyclohexyl
S128 (a and b)	$-CHF_2$	-*tert*-butoxy
S129 (a and b)	$-CHF_2$	-isopropoxy
S130 (a and b)	$-CHF_2$	$-CF_3$
S131 (a and b)	$-CHF_2$	$-CH_2CF_3$
S132 (a and b)	$-CHF_2$	$-OCF_3$
S133 (a and b)	$-CHF_2$	-Cl
S134 (a and b)	$-CHF_2$	-Br
S135 (a and b)	$-CHF_2$	-I
S136 (a and b)	$-CHF_2$	-n-butyl

Compound	R_1	R_{8a}
S137 (a and b)	$-CHF_2$	$-CH_3$
S138 (a and b)	$-CHF_2$	$-SCF_3$
S139 (a and b)	$-CHF_2$	$-N(CH_2CH_3)_2$
S140 (a and b)	$-CHF_2$	$-OCF_2CHF_2$
S141 (a and b)	$-CHF_2$	$-C(OH)(CF_3)_2$
S142 (a and b)	$-CHF_2$	-(1,1-dimethyl-pentyl)
S143 (a and b)	$-CHF_2$	-(1,1-dimethyl-acetic acid) ethyl ester
S144 (a and b)	$-CHF_2$	-*N*-piperidinyl
S145 (a and b)	-OH	-H
S146 (a and b)	-OH	-*tert*-butyl
S147 (a and b)	-OH	-*iso*-butyl
S148 (a and b)	-OH	-*sec*-butyl
S149 (a and b)	-OH	-*iso*-propyl
S150 (a and b)	-OH	-n-propyl
S151 (a and b)	-OH	-cyclohexyl
S152 (a and b)	-OH	-*tert*-butoxy
S153 (a and b)	-OH	-isopropoxy
S154 (a and b)	-OH	$-CF_3$
S155 (a and b)	-OH	$-CH_2CF_3$
S156 (a and b)	-OH	$-OCF_3$
S157 (a and b)	-OH	-Cl
S158 (a and b)	-OH	-Br
S159 (a and b)	-OH	-I
S160 (a and b)	-OH	-n-butyl
S161 (a and b)	-OH	$-CH_3$
S162 (a and b)	-OH	$-SCF_3$
S163 (a and b)	-OH	$-N(CH_2CH_3)_2$
S164 (a and b)	-OH	$-OCF_2CHF_2$
S165 (a and b)	-OH	$-C(OH)(CF_3)_2$
S166 (a and b)	-OH	-(1,1-dimethyl-pentyl)

Compound	R_1	R_{8a}
S167 (a and b)	-OH	-(1,1-dimethyl-acetic acid) ethyl ester
S168 (a and b)	-OH	-*N*-piperidinyl
S169 (a and b)	$-NO_2$	-H
S170 (a and b)	$-NO_2$	-*tert*-butyl
S171 (a and b)	$-NO_2$	-*iso*-butyl
S172 (a and b)	$-NO_2$	-*sec*-butyl
S173 (a and b)	$-NO_2$	-*iso*-propyl
S174 (a and b)	$-NO_2$	-n-propyl
S175 (a and b)	$-NO_2$	-cyclohexyl
S176 (a and b)	$-NO_2$	-*tert*-butoxy
S177 (a and b)	$-NO_2$	-isopropoxy
S178 (a and b)	$-NO_2$	$-CF_3$
S179 (a and b)	$-NO_2$	$-CH_2CF_3$
S180 (a and b)	$-NO_2$	$-OCF_3$
S181 (a and b)	$-NO_2$	-Cl
S182 (a and b)	$-NO_2$	-Br
S183 (a and b)	$-NO_2$	-I
S184 (a and b)	$-NO_2$	-n-butyl
S185 (a and b)	$-NO_2$	$-CH_3$
S186 (a and b)	$-NO_2$	$-SCF_3$
S187 (a and b)	$-NO_2$	$-N(CH_2CH_3)_2$
S188 (a and b)	$-NO_2$	$-OCF_2CHF_2$
S189 (a and b)	$-NO_2$	$-C(OH)(CF_3)_2$
S190 (a and b)	$-NO_2$	-(1,1-dimethyl-pentyl)
S191 (a and b)	$-NO_2$	-(1,1-dimethyl-acetic acid) ethyl ester
S192 (a and b)	$-NO_2$	-*N*-piperidinyl
S193 (a and b)	-CN	-H
S194 (a and b)	-CN	-*tert*-butyl
S195 (a and b)	-CN	-*iso*-butyl
S196 (a and b)	-CN	-*sec*-butyl

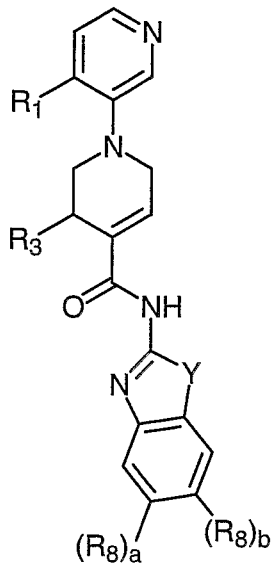
Compound	R_1	R_{8a}
S197 (a and b)	-CN	-*iso*-propyl
S198 (a and b)	-CN	-n-propyl
S199 (a and b)	-CN	-cyclohexyl
S200 (a and b)	-CN	-*tert*-butoxy
S201 (a and b)	-CN	-isopropoxy
S202 (a and b)	-CN	$-CF_3$
S203 (a and b)	-CN	$-CH_2CF_3$
S204 (a and b)	-CN	$-OCF_3$
S205 (a and b)	-CN	-Cl
S206 (a and b)	-CN	-Br
S207 (a and b)	-CN	-I
S208 (a and b)	-CN	-n-butyl
S209 (a and b)	-CN	$-CH_3$
S210 (a and b)	-CN	$-SCF_3$
S211 (a and b)	-CN	$-N(CH_2CH_3)_2$
S212 (a and b)	-CN	$-OCF_2CHF_2$
S213 (a and b)	-CN	$-C(OH)(CF_3)_2$
S214 (a and b)	-CN	-(1,1-dimethyl-pentyl)
S215 (a and b)	-CN	-(1,1-dimethyl-acetic acid) ethyl ester
S216 (a and b)	-CN	-*N*-piperidinyl
S217 (a and b)	-Br	-H
S218 (a and b)	-Br	-*tert*-butyl
S219 (a and b)	-Br	-*iso*-butyl
S220 (a and b)	-Br	-*sec*-butyl
S221 (a and b)	-Br	-*iso*-propyl
S222 (a and b)	-Br	-n-propyl
S223 (a and b)	-Br	-cyclohexyl
S224 (a and b)	-Br	-*tert*-butoxy
S225 (a and b)	-Br	-isopropoxy
S226 (a and b)	-Br	$-CF_3$

Compound	R_1	R_{8a}
S227 (a and b)	-Br	$-CH_2CF_3$
S228 (a and b)	-Br	$-OCF_3$
S229 (a and b)	-Br	-Cl
S230 (a and b)	-Br	-Br
S231 (a and b)	-Br	-I
S232 (a and b)	-Br	-n-butyl
S233 (a and b)	-Br	$-CH_3$
S234 (a and b)	-Br	$-SCF_3$
S235 (a and b)	-Br	$-N(CH_2CH_3)_2$
S236 (a and b)	-Br	$-OCF_2CHF_2$
S237 (a and b)	-Br	$-C(OH)(CF_3)_2$
S238 (a and b)	-Br	-(1,1-dimethyl-pentyl)
S239 (a and b)	-Br	-(1,1-dimethyl-acetic acid) ethyl ester
S240 (a and b)	-Br	-*N*-piperidinyl
S241 (a and b)	-I	-*tert*-butyl
S242 (a and b)	-I	-H
S243 (a and b)	-I	-*iso*-butyl
S244 (a and b)	-I	-*sec*-butyl
S245 (a and b)	-I	-*iso*-propyl
S246 (a and b)	-I	-n-propyl
S247 (a and b)	-I	-cyclohexyl
S248 (a and b)	-I	-*tert*-butoxy
S249 (a and b)	-I	-isopropoxy
S250 (a and b)	-I	$-CF_3$
S251 (a and b)	-I	$-CH_2CF_3$
S252 (a and b)	-I	$-OCF_3$
S253 (a and b)	-I	-Cl
S254 (a and b)	-I	-Br
S255 (a and b)	-I	-I
S256 (a and b)	-I	-n-butyl

Compound	R_1	R_{8a}
S257 (a and b)	-I	$-CH_3$
S258 (a and b)	-I	$-SCF_3$
S259 (a and b)	-I	$-N(CH_2CH_3)_2$
S260 (a and b)	-I	$-OCF_2CHF_2$
S261 (a and b)	-I	$-C(OH)(CF_3)_2$
S262 (a and b)	-I	-(1,1-dimethyl-pentyl)
S263 (a and b)	-I	-(1,1-dimethyl-acetic acid) ethyl ester
S264 (a and b)	-I	-*N*-piperidinyl

(a) means that R_3 is -H.
(b) means that R_3 is $-CH_3$.

Table 20



(It)

and pharmaceutically acceptable salts thereof, wherein:

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
T1 (a and b)	S	-H	-Cl	-H
T2 (a and b)	S	-H	-Br	-H
T3 (a and b)	S	-H	-F	-H
T4 (a and b)	S	-H	$-CH_3$	-H
T5 (a and b)	S	-H	$-CF_3$	-H
T6 (a and b)	S	-H	$-OCH_3$	-H
T7 (a and b)	S	-H	$-OCH_2CH_3$	-H
T8 (a and b)	S	-H	$-OCF_3$	-H
T9 (a and b)	S	-H	*-tert*-butyl	-H
T10 (a and b)	S	-H	*-iso*-propyl	-H
T11 (a and b)	S	-H	$-CH_3$	$-CH_3$
T12 (a and b)	S	-H	-H	-H
T13 (a and b)	S	-H	-H	-Cl
T14 (a and b)	S	-H	-H	-Br
T15 (a and b)	S	-H	-H	-F

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
T16 (a and b)	S	-H	-H	$-CH_3$
T17 (a and b)	S	-H	-H	$-CF_3$
T18 (a and b)	S	-H	-H	$-OCH_3$
T19 (a and b)	S	-H	-H	$-OCH_2CH_3$
T20 (a and b)	S	-H	-H	$-OCF_3$
T21 (a and b)	S	-H	-H	*-tert*-butyl
T22 (a and b)	S	-H	-H	*-iso*-propyl
T23 (a and b)	S	-Cl	-Cl	-H
T24 (a and b)	S	-Cl	-Br	-H
T25 (a and b)	S	-Cl	-F	-H
T26 (a and b)	S	-Cl	$-CH_3$	-H
T27 (a and b)	S	-Cl	$-CF_3$	-H
T28 (a and b)	S	-Cl	$-OCH_3$	-H
T29 (a and b)	S	-Cl	$-OCH_2CH_3$	-H
T30 (a and b)	S	-Cl	$-OCF_3$	-H
T31 (a and b)	S	-Cl	*-tert*-butyl	-H
T32 (a and b)	S	-Cl	*-iso*-propyl	-H
T33 (a and b)	S	-Cl	$-CH_3$	$-CH_3$
T34 (a and b)	S	-Cl	-H	-H
T35 (a and b)	S	-Cl	-H	-Cl
T36 (a and b)	S	-Cl	-H	-Br
T37 (a and b)	S	-Cl	-H	-F
T38 (a and b)	S	-Cl	-H	$-CH_3$
T39 (a and b)	S	-Cl	-H	$-CF_3$
T40 (a and b)	S	-Cl	-H	$-OCH_3$
T41 (a and b)	S	-Cl	-H	$-OCH_2CH_3$
T42 (a and b)	S	-Cl	-H	$-OCF_3$
T43 (a and b)	S	-Cl	-H	*-tert*-butyl
T44 (a and b)	S	-Cl	-H	*-iso*-propyl
T45 (a and b)	S	-Cl	-H	$-OCF_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
T46 (a and b)	S	-Cl	-H	*-tert*-butyl
T47 (a and b)	S	-Cl	-H	*-iso*-propyl
T48 (a and b)	S	$-CH_3$	-Cl	-H
T49 (a and b)	S	$-CH_3$	-Br	-H
T50 (a and b)	S	$-CH_3$	-F	-H
T51 (a and b)	S	$-CH_3$	$-CH_3$	-H
T52 (a and b)	S	$-CH_3$	$-CF_3$	-H
T53 (a and b)	S	$-CH_3$	$-OCH_3$	-H
T54 (a and b)	S	$-CH_3$	$-OCH_2CH_3$	-H
T55 (a and b)	S	$-CH_3$	$-OCF_3$	-H
T56 (a and b)	S	$-CH_3$	*-tert*-butyl	-H
T57 (a and b)	S	$-CH_3$	*-iso*-propyl	-H
T58 (a and b)	S	$-CH_3$	$-CH_3$	$-CH_3$
T59 (a and b)	S	$-CH_3$	-H	-H
T60 (a and b)	S	$-CH_3$	-H	-Cl
T61 (a and b)	S	$-CH_3$	-H	-Br
T62 (a and b)	S	$-CH_3$	-H	-F
T63 (a and b)	S	$-CH_3$	-H	$-CH_3$
T64 (a and b)	S	$-CH_3$	-H	$-CF_3$
T65 (a and b)	S	$-CH_3$	-H	$-OCH_3$
T66 (a and b)	S	$-CH_3$	-H	$-OCH_2CH_3$
T67 (a and b)	S	$-CH_3$	-H	$-OCF_3$
T68 (a and b)	S	$-CH_3$	-H	*-tert*-butyl
T69 (a and b)	S	$-CH_3$	-H	*-iso*-propyl
T70 (a and b)	S	$-CF_3$	-Cl	-H
T71 (a and b)	S	$-CF_3$	-Br	-H
T72 (a and b)	S	$-CF_3$	-F	-H
T73 (a and b)	S	$-CF_3$	$-CH_3$	-H
T74 (a and b)	S	$-CF_3$	$-CF_3$	-H
T75 (a and b)	S	$-CF_3$	$-OCH_3$	-H
T76 (a and b)	S	$-CF_3$	$-OCH_2CH_3$	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
T77 (a and b)	S	$-CF_3$	$-OCF_3$	-H
T78 (a and b)	S	$-CF_3$	*-tert*-butyl	-H
T79 (a and b)	S	$-CF_3$	*-iso*-propyl	-H
T80 (a and b)	S	$-CF_3$	$-CH_3$	$-CH_3$
T81 (a and b)	S	$-CF_3$	-H	-H
T82 (a and b)	S	$-CF_3$	-H	-Cl
T83 (a and b)	S	$-CF_3$	-H	-Br
T84 (a and b)	S	$-CF_3$	-H	-F
T85 (a and b)	S	$-CF_3$	-H	$-CH_3$
T86 (a and b)	S	$-CF_3$	-H	$-CF_3$
T87 (a and b)	S	$-CF_3$	-H	$-OCH_3$
T88 (a and b)	S	$-CF_3$	-H	$-OCH_2CH_3$
T89 (a and b)	S	$-CF_3$	-H	$-OCF_3$
T90 (a and b)	S	$-CF_3$	-H	*-tert*-butyl
T91 (a and b)	S	$-CF_3$	-H	*-iso*-propyl
T92 (a and b)	S	$-CHF_2$	-Cl	-H
T93 (a and b)	S	$-CHF_2$	-Br	-H
T94 (a and b)	S	$-CHF_2$	-F	-H
T95 (a and b)	S	$-CHF_2$	$-CH_3$	-H
T96 (a and b)	S	$-CHF_2$	$-CF_3$	-H
T97 (a and b)	S	$-CHF_2$	$-OCH_3$	-H
T98 (a and b)	S	$-CHF_2$	$-OCH_2CH_3$	-H
T99 (a and b)	S	$-CHF_2$	$-OCF_3$	-H
T100 (a and b)	S	$-CHF_2$	*-tert*-butyl	-H
T101 (a and b)	S	$-CHF_2$	*-iso*-propyl	-H
T102 (a and b)	S	$-CHF_2$	$-CH_3$	$-CH_3$
T103 (a and b)	S	$-CHF_2$	-H	-H
T104 (a and b)	S	$-CHF_2$	-H	-Cl
T105 (a and b)	S	$-CHF_2$	-H	-Br
T106 (a and b)	S	$-CHF_2$	-H	-F
T107 (a and b)	S	$-CHF_2$	-H	$-CH_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
T108 (a and b)	S	$-CHF_2$	-H	$-CF_3$
T109 (a and b)	S	$-CHF_2$	-H	$-OCH_3$
T110 (a and b)	S	$-CHF_2$	-H	$-OCH_2CH_3$
T111 (a and b)	S	$-CHF_2$	-H	$-OCF_3$
T112 (a and b)	S	$-CHF_2$	-H	*-tert*-butyl
T113 (a and b)	S	$-CHF_2$	-H	*-iso*-propyl
T114 (a and b)	S	-OH	-Cl	-H
T115 (a and b)	S	-OH	-Br	-H
T116 (a and b)	S	-OH	-F	-H
T117 (a and b)	S	-OH	$-CH_3$	-H
T118 (a and b)	S	-OH	$-CF_3$	-H
T119 (a and b)	S	-OH	$-OCH_3$	-H
T120 (a and b)	S	-OH	$-OCH_2CH_3$	-H
T121 (a and b)	S	-OH	$-OCF_3$	-H
T122 (a and b)	S	-OH	*-tert*-butyl	-H
T123 (a and b)	S	-OH	*-iso*-propyl	-H
T124 (a and b)	S	-OH	$-CH_3$	$-CH_3$
T125 (a and b)	S	-OH	-H	-H
T126 (a and b)	S	-OH	-H	-Cl
T127 (a and b)	S	-OH	-H	-Br
T128 (a and b)	S	-OH	-H	-F
T129 (a and b)	S	-OH	-H	$-CH_3$
T130 (a and b)	S	-OH	-H	$-CF_3$
T131 (a and b)	S	-OH	-H	$-OCH_3$
T132 (a and b)	S	-OH	-H	$-OCH_2CH_3$
T133 (a and b)	S	-OH	-H	$-OCF_3$
T134 (a and b)	S	-OH	-H	*-tert*-butyl
T135 (a and b)	S	-OH	-H	*-iso*-propyl
T136 (a and b)	S	$-NO_2$	-Cl	-H
T137 (a and b)	S	$-NO_2$	-Br	-H
T138 (a and b)	S	$-NO_2$	-F	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
T139 (a and b)	S	$-NO_2$	$-CH_3$	-H
T140 (a and b)	S	$-NO_2$	$-CF_3$	-H
T141 (a and b)	S	$-NO_2$	$-OCH_3$	-H
T142 (a and b)	S	$-NO_2$	$-OCH_2CH_3$	-H
T143 (a and b)	S	$-NO_2$	$-OCF_3$	-H
T144 (a and b)	S	$-NO_2$	*-tert*-butyl	-H
T145 (a and b)	S	$-NO_2$	*-iso*-propyl	-H
T146 (a and b)	S	$-NO_2$	$-CH_3$	$-CH_3$
T147 (a and b)	S	$-NO_2$	-H	-H
T148 (a and b)	S	$-NO_2$	-H	-Cl
T149 (a and b)	S	$-NO_2$	-H	-Br
T150 (a and b)	S	$-NO_2$	-H	-F
T151 (a and b)	S	$-NO_2$	-H	$-CH_3$
T152 (a and b)	S	$-NO_2$	-H	$-CF_3$
T153 (a and b)	S	$-NO_2$	-H	$-OCH_3$
T154 (a and b)	S	$-NO_2$	-H	$-OCH_2CH_3$
T155 (a and b)	S	$-NO_2$	-H	$-OCF_3$
T156 (a and b)	S	$-NO_2$	-H	*-tert*-butyl
T157 (a and b)	S	$-NO_2$	-H	*-iso*-propyl
T158 (a and b)	S	-CN	-Br	-H
T159 (a and b)	S	-CN	-Cl	-H
T160 (a and b)	S	-CN	-F	-H
T161 (a and b)	S	-CN	$-CH_3$	-H
T162 (a and b)	S	-CN	$-CF_3$	-H
T163 (a and b)	S	-CN	$-OCH_3$	-H
T164 (a and b)	S	-CN	$-OCH_2CH_3$	-H
T165 (a and b)	S	-CN	$-OCF_3$	-H
T166 (a and b)	S	-CN	*-tert*-butyl	-H
T167 (a and b)	S	-CN	*-iso*-propyl	-H
T168 (a and b)	S	-CN	$-CH_3$	$-CH_3$
T169 (a and b)	S	-CN	-H	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
T170 (a and b)	S	-CN	-H	-Cl
T171 (a and b)	S	-CN	-H	-Br
T172 (a and b)	S	-CN	-H	-F
T173 (a and b)	S	-CN	-H	$-CH_3$
T174 (a and b)	S	-CN	-H	$-CF_3$
T175 (a and b)	S	-CN	-H	$-OCH_3$
T176 (a and b)	S	-CN	-H	$-OCH_2CH_3$
T177 (a and b)	S	-CN	-H	$-OCF_3$
T178 (a and b)	S	-CN	-H	*-tert*-butyl
T179 (a and b)	S	-CN	-H	*-iso*-propyl
T180 (a and b)	S	-Br	-Br	-H
T181 (a and b)	S	-Br	-Cl	-H
T182 (a and b)	S	-Br	-F	-H
T183 (a and b)	S	-Br	$-CH_3$	-H
T184 (a and b)	S	-Br	$-CF_3$	-H
T185 (a and b)	S	-Br	$-OCH_3$	-H
T186 (a and b)	S	-Br	$-OCH_2CH_3$	-H
T187 (a and b)	S	-Br	$-OCF_3$	-H
T188 (a and b)	S	-Br	*-tert*-butyl	-H
T189 (a and b)	S	-Br	*-iso*-propyl	-H
T190 (a and b)	S	-Br	$-CH_3$	$-CH_3$
T191 (a and b)	S	-Br	-H	-H
T192 (a and b)	S	-Br	-H	-Cl
T193 (a and b)	S	-Br	-H	-Br
T194 (a and b)	S	-Br	-H	-F
T195 (a and b)	S	-Br	-H	$-CH_3$
T196 (a and b)	S	-Br	-H	$-CF_3$
T197 (a and b)	S	-Br	-H	$-OCH_3$
T198 (a and b)	S	-Br	-H	$-OCH_2CH_3$
T199 (a and b)	S	-Br	-H	$-OCF_3$
T200 (a and b)	S	-Br	-H	*-tert*-butyl

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
T201 (a and b)	S	-Br	-H	*-iso*-propyl
T202 (a and b)	S	-I	-Cl	-H
T203 (a and b)	S	-I	-Br	-H
T204 (a and b)	S	-I	-F	-H
T205 (a and b)	S	-I	$-CH_3$	-H
T206 (a and b)	S	-I	$-CF_3$	-H
T207 (a and b)	S	-I	$-OCH_3$	-H
T208 (a and b)	S	-I	$-OCH_2CH_3$	-H
T209 (a and b)	S	-I	$-OCF_3$	-H
T210 (a and b)	S	-I	*-tert*-butyl	-H
T211 (a and b)	S	-I	*-iso*-propyl	-H
T212 (a and b)	S	-I	$-CH_3$	$-CH_3$
T213 (a and b)	S	-I	-H	-H
T214 (a and b)	S	-I	-H	-Cl
T215 (a and b)	S	-I	-H	-Br
T216 (a and b)	S	-I	-H	-F
T217 (a and b)	S	-I	-H	$-CH_3$
T218 (a and b)	S	-I	-H	$-CF_3$
T219 (a and b)	S	-I	-H	$-OCH_3$
T220 (a and b)	S	-I	-H	$-OCH_2CH_3$
T221 (a and b)	S	-I	-H	$-OCF_3$
T222 (a and b)	S	-I	-H	*-tert*-butyl
T223 (a and b)	S	-I	-H	*-iso*-propyl
T224 (a and b)	O	-H	-Cl	-H
T225 (a and b)	O	-H	-Br	-H
T226 (a and b)	O	-H	-F	-H
T227 (a and b)	O	-H	$-CH_3$	-H
T228 (a and b)	O	-H	$-CF_3$	-H
T229 (a and b)	O	-H	$-OCH_3$	-H
T230 (a and b)	O	-H	$-OCH_2CH_3$	-H
T231 (a and b)	O	-H	$-OCF_3$	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
T232 (a and b)	O	-H	-*tert*-butyl	-H
T233 (a and b)	O	-H	-*iso*-propyl	-H
T234 (a and b)	O	-H	$-CH_3$	$-CH_3$
T235 (a and b)	O	-H	-H	-H
T236 (a and b)	O	-H	-H	-Cl
T237 (a and b)	O	-H	-H	-Br
T238 (a and b)	O	-H	-H	-F
T239 (a and b)	O	-H	-H	$-CH_3$
T240 (a and b)	O	-H	-H	$-CF_3$
T241 (a and b)	O	-H	-H	$-OCH_3$
T242 (a and b)	O	-H	-H	$-OCH_2CH_3$
T243 (a and b)	O	-H	-H	$-OCF_3$
T244 (a and b)	O	-H	-H	-*tert*-butyl
T245 (a and b)	O	-H	-H	-*iso*-propyl
T246 (a and b)	O	-Cl	-Cl	-H
T247 (a and b)	O	-Cl	-Br	-H
T248 (a and b)	O	-Cl	-F	-H
T249 (a and b)	O	-Cl	$-CH_3$	-H
T250 (a and b)	O	-Cl	$-CF_3$	-H
T251 (a and b)	O	-Cl	$-OCH_3$	-H
T252 (a and b)	O	-Cl	$-OCH_2CH_3$	-H
T253 (a and b)	O	-Cl	$-OCF_3$	-H
T254 (a and b)	O	-Cl	-*tert*-butyl	-H
T255 (a and b)	O	-Cl	-*iso*-propyl	-H
T256 (a and b)	O	-Cl	$-CH_3$	$-CH_3$
T257 (a and b)	O	-Cl	-H	-H
T258 (a and b)	O	-Cl	-H	$-CH_3$
T259 (a and b)	O	-Cl	-H	-Cl
T260 (a and b)	O	-Cl	-H	-Br
T261 (a and b)	O	-Cl	-H	-F
T262 (a and b)	O	-Cl	-H	$-CF_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
T263 (a and b)	O	-Cl	-H	$-OCH_3$
T264 (a and b)	O	-Cl	-H	$-OCH_2CH_3$
T265 (a and b)	O	-Cl	-H	$-OCF_3$
T266 (a and b)	O	-Cl	-H	*-tert*-butyl
T267 (a and b)	O	-Cl	-H	*-iso*-propyl
T268 (a and b)	O	-Cl	-H	$-OCF_3$
T269 (a and b)	O	-Cl	-H	*-tert*-butyl
T270 (a and b)	O	-Cl	-H	*-iso*-propyl
T271 (a and b)	O	$-CH_3$	-Cl	-H
T272 (a and b)	O	$-CH_3$	-Br	-H
T273 (a and b)	O	$-CH_3$	-F	-H
T274 (a and b)	O	$-CH_3$	$-CH_3$	-H
T275 (a and b)	O	$-CH_3$	$-CF_3$	-H
T276 (a and b)	O	$-CH_3$	$-OCH_3$	-H
T277 (a and b)	O	$-CH_3$	$-OCH_2CH_3$	-H
T278 (a and b)	O	$-CH_3$	$-OCF_3$	-H
T279 (a and b)	O	$-CH_3$	*-tert*-butyl	-H
T280 (a and b)	O	$-CH_3$	*-iso*-propyl	-H
T281 (a and b)	O	$-CH_3$	$-CH_3$	$-CH_3$
T282 (a and b)	O	$-CH_3$	-H	-H
T283 (a and b)	O	$-CH_3$	-H	-Cl
T284 (a and b)	O	$-CH_3$	-H	-Br
T285 (a and b)	O	$-CH_3$	-H	-F
T286 (a and b)	O	$-CH_3$	-H	$-CH_3$
T287 (a and b)	O	$-CH_3$	-H	$-CF_3$
T288 (a and b)	O	$-CH_3$	-H	$-OCH_3$
T289 (a and b)	O	$-CH_3$	-H	$-OCH_2CH_3$
T290 (a and b)	O	$-CH_3$	-H	$-OCF_3$
T291 (a and b)	O	$-CH_3$	-H	*-tert*-butyl
T292 (a and b)	O	$-CH_3$	-H	*-iso*-propyl
T293 (a and b)	O	$-CF_3$	-Cl	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
T294 (a and b)	O	$-CF_3$	-Br	-H
T295 (a and b)	O	$-CF_3$	-F	-H
T296 (a and b)	O	$-CF_3$	$-CH_3$	-H
T297 (a and b)	O	$-CF_3$	$-CF_3$	-H
T298 (a and b)	O	$-CF_3$	$-OCH_3$	-H
T299 (a and b)	O	$-CF_3$	$-OCH_2CH_3$	-H
T300 (a and b)	O	$-CF_3$	$-OCF_3$	-H
T301 (a and b)	O	$-CF_3$	*-tert*-butyl	-H
T302 (a and b)	O	$-CF_3$	*-iso*-propyl	-H
T303 (a and b)	O	$-CF_3$	$-CH_3$	$-CH_3$
T304 (a and b)	O	$-CF_3$	-H	-H
T305 (a and b)	O	$-CF_3$	-H	-Cl
T306 (a and b)	O	$-CF_3$	-H	-Br
T307 (a and b)	O	$-CF_3$	-H	-F
T308 (a and b)	O	$-CF_3$	-H	$-CH_3$
T309 (a and b)	O	$-CF_3$	-H	$-CF_3$
T310 (a and b)	O	$-CF_3$	-H	$-OCH_3$
T311 (a and b)	O	$-CF_3$	-H	$-OCH_2CH_3$
T312 (a and b)	O	$-CF_3$	-H	$-OCF_3$
T313 (a and b)	O	$-CF_3$	-H	*-tert*-butyl
T314 (a and b)	O	$-CF_3$	-H	*-iso*-propyl
T315 (a and b)	O	$-CHF_2$	-Cl	-H
T316 (a and b)	O	$-CHF_2$	-Br	-H
T317 (a and b)	O	$-CHF_2$	-F	-H
T318 (a and b)	O	$-CHF_2$	$-CH_3$	-H
T319 (a and b)	O	$-CHF_2$	$-CF_3$	-H
T320 (a and b)	O	$-CHF_2$	$-OCH_3$	-H
T321 (a and b)	O	$-CHF_2$	$-OCH_2CH_3$	-H
T322 (a and b)	O	$-CHF_2$	$-OCF_3$	-H
T323 (a and b)	O	$-CHF_2$	*-tert*-butyl	-H
T324 (a and b)	O	$-CHF_2$	*-iso*-propyl	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
T325 (a and b)	O	$-CHF_2$	$-CH_3$	$-CH_3$
T326 (a and b)	O	$-CHF_2$	-H	-H
T327 (a and b)	O	$-CHF_2$	-H	-Cl
T328 (a and b)	O	$-CHF_2$	-H	-Br
T329 (a and b)	O	$-CHF_2$	-H	-F
T330 (a and b)	O	$-CHF_2$	-H	$-CH_3$
T331 (a and b)	O	$-CHF_2$	-H	$-CF_3$
T332 (a and b)	O	$-CHF_2$	-H	$-OCH_3$
T333 (a and b)	O	$-CHF_2$	-H	$-OCH_2CH_3$
T334 (a and b)	O	$-CHF_2$	-H	$-OCF_3$
T335 (a and b)	O	$-CHF_2$	-H	*-tert*-butyl
T336 (a and b)	O	$-CHF_2$	-H	*-iso*-propyl
T337 (a and b)	O	-OH	-Cl	-H
T338 (a and b)	O	-OH	-Br	-H
T339 (a and b)	O	-OH	-F	-H
T340 (a and b)	O	-OH	$-CH_3$	-H
T341 (a and b)	O	-OH	$-CF_3$	-H
T342 (a and b)	O	-OH	$-OCH_3$	-H
T343 (a and b)	O	-OH	$-OCH_2CH_3$	-H
T344 (a and b)	O	-OH	$-OCF_3$	-H
T345 (a and b)	O	-OH	*-tert*-butyl	-H
T346 (a and b)	O	-OH	*-iso*-propyl	-H
T347 (a and b)	O	-OH	$-CH_3$	$-CH_3$
T348 (a and b)	O	-OH	-H	-H
T349 (a and b)	O	-OH	-H	-Cl
T350 (a and b)	O	-OH	-H	-Br
T351 (a and b)	O	-OH	-H	-F
T352 (a and b)	O	-OH	-H	$-CH_3$
T353 (a and b)	O	-OH	-H	$-CF_3$
T354 (a and b)	O	-OH	-H	$-OCH_3$
T355 (a and b)	O	-OH	-H	$-OCH_2CH_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
T356 (a and b)	O	-OH	-H	$-OCF_3$
T357 (a and b)	O	-OH	-H	*-tert*-butyl
T358 (a and b)	O	-OH	-H	*-iso*-propyl
T359 (a and b)	O	$-NO_2$	-Cl	-H
T360 (a and b)	O	$-NO_2$	-Br	-H
T361 (a and b)	O	$-NO_2$	-F	-H
T362 (a and b)	O	$-NO_2$	$-CH_3$	-H
T363 (a and b)	O	$-NO_2$	$-CF_3$	-H
T364 (a and b)	O	$-NO_2$	$-OCH_3$	-H
T365 (a and b)	O	$-NO_2$	$-OCH_2CH_3$	-H
T366 (a and b)	O	$-NO_2$	$-OCF_3$	-H
T367 (a and b)	O	$-NO_2$	*-tert*-butyl	-H
T368 (a and b)	O	$-NO_2$	*-iso*-propyl	-H
T369 (a and b)	O	$-NO_2$	$-CH_3$	$-CH_3$
T370 (a and b)	O	$-NO_2$	-H	-H
T371 (a and b)	O	$-NO_2$	-H	-Cl
T372 (a and b)	O	$-NO_2$	-H	-Br
T373 (a and b)	O	$-NO_2$	-H	-F
T374 (a and b)	O	$-NO_2$	-H	$-CH_3$
T375 (a and b)	O	$-NO_2$	-H	$-CF_3$
T376 (a and b)	O	$-NO_2$	-H	$-OCH_3$
T377 (a and b)	O	$-NO_2$	-H	$-OCH_2CH_3$
T378 (a and b)	O	$-NO_2$	-H	$-OCF_3$
T379 (a and b)	O	$-NO_2$	-H	*-tert*-butyl
T380 (a and b)	O	$-NO_2$	-H	*-iso*-propyl
T381 (a and b)	O	-CN	-Br	-H
T382 (a and b)	O	-CN	-Cl	-H
T383 (a and b)	O	-CN	-F	-H
T384 (a and b)	O	-CN	$-CH_3$	-H
T385 (a and b)	O	-CN	$-CF_3$	-H
T386 (a and b)	O	-CN	$-OCH_3$	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
T387 (a and b)	O	-CN	$-OCH_2CH_3$	-H
T388 (a and b)	O	-CN	$-OCF_3$	-H
T389 (a and b)	O	-CN	*-tert*-butyl	-H
T390 (a and b)	O	-CN	*-iso*-propyl	-H
T391 (a and b)	O	-CN	$-CH_3$	$-CH_3$
T392 (a and b)	O	-CN	-H	-H
T393 (a and b)	O	-CN	-H	-Cl
T394 (a and b)	O	-CN	-H	-Br
T395 (a and b)	O	-CN	-H	-F
T396 (a and b)	O	-CN	-H	$-CH_3$
T397 (a and b)	O	-CN	-H	$-CF_3$
T398 (a and b)	O	-CN	-H	$-OCH_3$
T399 (a and b)	O	-CN	-H	$-OCH_2CH_3$
T400 (a and b)	O	-CN	-H	$-OCF_3$
T401 (a and b)	O	-CN	-H	*-tert*-butyl
T402 (a and b)	O	-CN	-H	*-iso*-propyl
T403 (a and b)	O	-Br	-Br	-H
T404 (a and b)	O	-Br	-Cl	-H
T405 (a and b)	O	-Br	-F	-H
T406 (a and b)	O	-Br	$-CH_3$	-H
T407 (a and b)	O	-Br	$-CF_3$	-H
T408 (a and b)	O	-Br	$-OCH_3$	-H
T409 (a and b)	O	-Br	$-OCH_2CH_3$	-H
T410 (a and b)	O	-Br	$-OCF_3$	-H
T411 (a and b)	O	-Br	*-tert*-butyl	-H
T412 (a and b)	O	-Br	*-iso*-propyl	-H
T413 (a and b)	O	-Br	$-CH_3$	$-CH_3$
T414 (a and b)	O	-Br	-H	-H
T415 (a and b)	O	-Br	-H	-Cl
T416 (a and b)	O	-Br	-H	-Br
T417 (a and b)	O	-Br	-H	-F

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
T418 (a and b)	O	-Br	-H	$-CH_3$
T419 (a and b)	O	-Br	-H	$-CF_3$
T420 (a and b)	O	-Br	-H	$-OCH_3$
T421 (a and b)	O	-Br	-H	$-OCH_2CH_3$
T422 (a and b)	O	-Br	-H	$-OCF_3$
T423 (a and b)	O	-Br	-H	-*tert*-butyl
T424 (a and b)	O	-Br	-H	-*iso*-propyl
T425 (a and b)	O	-I	-Cl	-H
T426 (a and b)	O	-I	-Br	-H
T427 (a and b)	O	-I	-F	-H
T428 (a and b)	O	-I	$-CH_3$	-H
T429 (a and b)	O	-I	$-CF_3$	-H
T430 (a and b)	O	-I	$-OCH_3$	-H
T431 (a and b)	O	-I	$-OCH_2CH_3$	-H
T432 (a and b)	O	-I	$-OCF_3$	-H
T433 (a and b)	O	-I	-*tert*-butyl	-H
T434 (a and b)	O	-I	-*iso*-propyl	-H
T435 (a and b)	O	-I	$-CH_3$	$-CH_3$
T436 (a and b)	O	-I	-H	-H
T437 (a and b)	O	-I	-H	-Cl
T438 (a and b)	O	-I	-H	-Br
T439 (a and b)	O	-I	-H	-F
T440 (a and b)	O	-I	-H	$-CH_3$
T441 (a and b)	O	-I	-H	$-CF_3$
T442 (a and b)	O	-I	-H	$-OCH_3$
T443 (a and b)	O	-I	-H	$-OCH_2CH_3$
T444 (a and b)	O	-I	-H	$-OCF_3$
T445 (a and b)	O	-I	-H	-*tert*-butyl
T446 (a and b)	O	-I	-H	-*iso*-propyl
T447 (a and b)	NH	-H	-Cl	-H
T448 (a and b)	NH	-H	-Br	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
T449 (a and b)	NH	-H	-F	-H
T450 (a and b)	NH	-H	$-CH_3$	-H
T451 (a and b)	NH	-H	$-CF_3$	-H
T452 (a and b)	NH	-H	$-OCH_3$	-H
T453 (a and b)	NH	-H	$-OCH_2CH_3$	-H
T454 (a and b)	NH	-H	$-OCF_3$	-H
T455 (a and b)	NH	-H	*-tert*-butyl	-H
T456 (a and b)	NH	-H	*-iso*-propyl	-H
T457 (a and b)	NH	-H	$-CH_3$	$-CH_3$
T458 (a and b)	NH	-H	-H	-H
T459 (a and b)	NH	-H	-H	-Cl
T460 (a and b)	NH	-H	-H	-Br
T461 (a and b)	NH	-H	-H	-F
T462 (a and b)	NH	-H	-H	$-CH_3$
T463 (a and b)	NH	-H	-H	$-CF_3$
T464 (a and b)	NH	-H	-H	$-OCH_3$
T465 (a and b)	NH	-H	-H	$-OCH_2CH_3$
T466 (a and b)	NH	-H	-H	$-OCF_3$
T467 (a and b)	NH	-H	-H	*-tert*-butyl
T468 (a and b)	NH	-H	-H	*-iso*-propyl
T469 (a and b)	NH	-Cl	-Cl	-H
T470 (a and b)	NH	-Cl	-Br	-H
T471 (a and b)	NH	-Cl	-F	-H
T472 (a and b)	NH	-Cl	$-CH_3$	-H
T473 (a and b)	NH	-Cl	$-CF_3$	-H
T474 (a and b)	NH	-Cl	$-OCH_3$	-H
T475 (a and b)	NH	-Cl	$-OCH_2CH_3$	-H
T476 (a and b)	NH	-Cl	$-OCF_3$	-H
T477 (a and b)	NH	-Cl	*-tert*-butyl	-H
T478 (a and b)	NH	-Cl	*-iso*-propyl	-H
T479 (a and b)	NH	-Cl	$-CH_3$	$-CH_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
T480 (a and b)	NH	-Cl	-H	-H
T481 (a and b)	NH	-Cl	-H	$-CH_3$
T482 (a and b)	NH	-Cl	-H	-Cl
T483 (a and b)	NH	-Cl	-H	-Br
T484 (a and b)	NH	-Cl	-H	-F
T485 (a and b)	NH	-Cl	-H	$-CF_3$
T486 (a and b)	NH	-Cl	-H	$-OCH_3$
T487 (a and b)	NH	-Cl	-H	$-OCH_2CH_3$
T488 (a and b)	NH	-Cl	-H	$-OCF_3$
T489 (a and b)	NH	-Cl	-H	-*tert*-butyl
T490 (a and b)	NH	-Cl	-H	-*iso*-propyl
T491 (a and b)	NH	-Cl	-H	$-OCF_3$
T492 (a and b)	NH	-Cl	-H	-*tert*-butyl
T493 (a and b)	NH	-Cl	-H	-*iso*-propyl
T494 (a and b)	NH	$-CH_3$	-Cl	-H
T495 (a and b)	NH	$-CH_3$	-Br	-H
T496 (a and b)	NH	$-CH_3$	-F	-H
T497 (a and b)	NH	$-CH_3$	$-CH_3$	-H
T498 (a and b)	NH	$-CH_3$	$-CF_3$	-H
T499 (a and b)	NH	$-CH_3$	$-OCH_3$	-H
T500 (a and b)	NH	$-CH_3$	$-OCH_2CH_3$	-H
T501 (a and b)	NH	$-CH_3$	$-OCF_3$	-H
T502 (a and b)	NH	$-CH_3$	-*tert*-butyl	-H
T503 (a and b)	NH	$-CH_3$	-*iso*-propyl	-H
T504 (a and b)	NH	$-CH_3$	$-CH_3$	$-CH_3$
T505 (a and b)	NH	$-CH_3$	-H	-H
T506 (a and b)	NH	$-CH_3$	-H	-Cl
T507 (a and b)	NH	$-CH_3$	-H	-Br
T508 (a and b)	NH	$-CH_3$	-H	-F
T509 (a and b)	NH	$-CH_3$	-H	$-CH_3$
T510 (a and b)	NH	$-CH_3$	-H	$-CF_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
T511 (a and b)	NH	$-CH_3$	-H	$-OCH_3$
T512 (a and b)	NH	$-CH_3$	-H	$-OCH_2CH_3$
T513 (a and b)	NH	$-CH_3$	-H	$-OCF_3$
T514 (a and b)	NH	$-CH_3$	-H	-*tert*-butyl
T515 (a and b)	NH	$-CH_3$	-H	-*iso*-propyl
T516 (a and b)	NH	$-CF_3$	-Cl	-H
T517 (a and b)	NH	$-CF_3$	-Br	-H
T518 (a and b)	NH	$-CF_3$	-F	-H
T519 (a and b)	NH	$-CF_3$	$-CH_3$	-H
T520 (a and b)	NH	$-CF_3$	$-CF_3$	-H
T521 (a and b)	NH	$-CF_3$	$-OCH_3$	-H
T522 (a and b)	NH	$-CF_3$	$-OCH_2CH_3$	-H
T523 (a and b)	NH	$-CF_3$	$-OCF_3$	-H
T524 (a and b)	NH	$-CF_3$	-*tert*-butyl	-H
T525 (a and b)	NH	$-CF_3$	-*iso*-propyl	-H
T526 (a and b)	NH	$-CF_3$	$-CH_3$	$-CH_3$
T527 (a and b)	NH	$-CF_3$	-H	-H
T528 (a and b)	NH	$-CF_3$	-H	-Cl
T529 (a and b)	NH	$-CF_3$	-H	-Br
T530 (a and b)	NH	$-CF_3$	-H	-F
T531 (a and b)	NH	$-CF_3$	-H	$-CH_3$
T532 (a and b)	NH	$-CF_3$	-H	$-CF_3$
T533 (a and b)	NH	$-CF_3$	-H	$-OCH_3$
T534 (a and b)	NH	$-CF_3$	-H	$-OCH_2CH_3$
T535 (a and b)	NH	$-CF_3$	-H	$-OCF_3$
T536 (a and b)	NH	$-CF_3$	-H	-*tert*-butyl
T537 (a and b)	NH	$-CF_3$	-H	-*iso*-propyl
T538 (a and b)	NH	$-CHF_2$	-Cl	-H
T539 (a and b)	NH	$-CHF_2$	-Br	-H
T540 (a and b)	NH	$-CHF_2$	-F	-H
T541 (a and b)	NH	$-CHF_2$	$-CH_3$	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
T542 (a and b)	NH	$-CHF_2$	$-CF_3$	-H
T543 (a and b)	NH	$-CHF_2$	$-OCH_3$	-H
T544 (a and b)	NH	$-CHF_2$	$-OCH_2CH_3$	-H
T545 (a and b)	NH	$-CHF_2$	$-OCF_3$	-H
T546 (a and b)	NH	$-CHF_2$	-*tert*-butyl	-H
T547 (a and b)	NH	$-CHF_2$	-*iso*-propyl	-H
T548 (a and b)	NH	$-CHF_2$	$-CH_3$	$-CH_3$
T549 (a and b)	NH	$-CHF_2$	-H	-H
T550 (a and b)	NH	$-CHF_2$	-H	-Cl
T551 (a and b)	NH	$-CHF_2$	-H	-Br
T552 (a and b)	NH	$-CHF_2$	-H	-F
T553 (a and b)	NH	$-CHF_2$	-H	$-CH_3$
T554 (a and b)	NH	$-CHF_2$	-H	$-CF_3$
T555 (a and b)	NH	$-CHF_2$	-H	$-OCH_3$
T556 (a and b)	NH	$-CHF_2$	-H	$-OCH_2CH_3$
T557 (a and b)	NH	$-CHF_2$	-H	$-OCF_3$
T558 (a and b)	NH	$-CHF_2$	-H	-*tert*-butyl
T559 (a and b)	NH	$-CHF_2$	-H	-*iso*-propyl
T560 (a and b)	NH	-OH	-Cl	-H
T561 (a and b)	NH	-OH	-Br	-H
T562 (a and b)	NH	-OH	-F	-H
T563 (a and b)	NH	-OH	$-CH_3$	-H
T564 (a and b)	NH	-OH	$-CF_3$	-H
T565 (a and b)	NH	-OH	$-OCH_3$	-H
T566 (a and b)	NH	-OH	$-OCH_2CH_3$	-H
T567 (a and b)	NH	-OH	$-OCF_3$	-H
T568 (a and b)	NH	-OH	-*tert*-butyl	-H
T569 (a and b)	NH	-OH	-*iso*-propyl	-H
T570 (a and b)	NH	-OH	$-CH_3$	$-CH_3$
T571 (a and b)	NH	-OH	-H	-H
T572 (a and b)	NH	-OH	-H	-Cl

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
T573 (a and b)	NH	-OH	-H	-Br
T574 (a and b)	NH	-OH	-H	-F
T575 (a and b)	NH	-OH	-H	$-CH_3$
T576 (a and b)	NH	-OH	-H	$-CF_3$
T577 (a and b)	NH	-OH	-H	$-OCH_3$
T578 (a and b)	NH	-OH	-H	$-OCH_2CH_3$
T579 (a and b)	NH	-OH	-H	$-OCF_3$
T580 (a and b)	NH	-OH	-H	-*tert*-butyl
T581 (a and b)	NH	-OH	-H	-*iso*-propyl
T582 (a and b)	NH	$-NO_2$	-Cl	-H
T583 (a and b)	NH	$-NO_2$	-Br	-H
T584 (a and b)	NH	$-NO_2$	-F	-H
T585 (a and b)	NH	$-NO_2$	$-CH_3$	-H
T586 (a and b)	NH	$-NO_2$	$-CF_3$	-H
T587 (a and b)	NH	$-NO_2$	$-OCH_3$	-H
T588 (a and b)	NH	$-NO_2$	$-OCH_2CH_3$	-H
T589 (a and b)	NH	$-NO_2$	$-OCF_3$	-H
T590 (a and b)	NH	$-NO_2$	-*tert*-butyl	-H
T591 (a and b)	NH	$-NO_2$	-*iso*-propyl	-H
T592 (a and b)	NH	$-NO_2$	$-CH_3$	$-CH_3$
T593 (a and b)	NH	$-NO_2$	-H	-H
T594 (a and b)	NH	$-NO_2$	-H	-Cl
T595 (a and b)	NH	$-NO_2$	-H	-Br
T596 (a and b)	NH	$-NO_2$	-H	-F
T597 (a and b)	NH	$-NO_2$	-H	$-CH_3$
T598 (a and b)	NH	$-NO_2$	-H	$-CF_3$
T599 (a and b)	NH	$-NO_2$	-H	$-OCH_3$
T600 (a and b)	NH	$-NO_2$	-H	$-OCH_2CH_3$
T601 (a and b)	NH	$-NO_2$	-H	$-OCF_3$
T602 (a and b)	NH	$-NO_2$	-H	-*tert*-butyl
T603 (a and b)	NH	$-NO_2$	-H	-*iso*-propyl

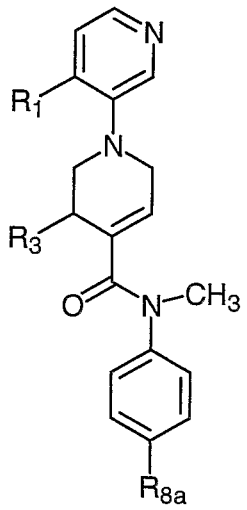
Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
T604 (a and b)	NH	-CN	-Br	-H
T605 (a and b)	NH	-CN	-Cl	-H
T606 (a and b)	NH	-CN	-F	-H
T607 (a and b)	NH	-CN	$-CH_3$	-H
T608 (a and b)	NH	-CN	$-CF_3$	-H
T609 (a and b)	NH	-CN	$-OCH_3$	-H
T610 (a and b)	NH	-CN	$-OCH_2CH_3$	-H
T611 (a and b)	NH	-CN	$-OCF_3$	-H
T612 (a and b)	NH	-CN	*-tert*-butyl	-H
T613 (a and b)	NH	-CN	*-iso*-propyl	-H
T614 (a and b)	NH	-CN	$-CH_3$	$-CH_3$
T615 (a and b)	NH	-CN	-H	-H
T616 (a and b)	NH	-CN	-H	-Cl
T617 (a and b)	NH	-CN	-H	-Br
T618 (a and b)	NH	-CN	-H	-F
T619 (a and b)	NH	-CN	-H	$-CH_3$
T620 (a and b)	NH	-CN	-H	$-CF_3$
T621 (a and b)	NH	-CN	-H	$-OCH_3$
T622 (a and b)	NH	-CN	-H	$-OCH_2CH_3$
T623 (a and b)	NH	-CN	-H	$-OCF_3$
T624 (a and b)	NH	-CN	-H	*-tert*-butyl
T625 (a and b)	NH	-CN	-H	*-iso*-propyl
T626 (a and b)	NH	-Br	-Br	-H
T627 (a and b)	NH	-Br	-Cl	-H
T628 (a and b)	NH	-Br	-F	-H
T629 (a and b)	NH	-Br	$-CH_3$	-H
T630 (a and b)	NH	-Br	$-CF_3$	-H
T631 (a and b)	NH	-Br	$-OCH_3$	-H
T632 (a and b)	NH	-Br	$-OCH_2CH_3$	-H
T633 (a and b)	NH	-Br	$-OCF_3$	-H
T634 (a and b)	NH	-Br	*-tert*-butyl	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
T635 (a and b)	NH	-Br	-*iso*-propyl	-H
T636 (a and b)	NH	-Br	$-CH_3$	$-CH_3$
T637 (a and b)	NH	-Br	-H	-H
T638 (a and b)	NH	-Br	-H	-Cl
T639 (a and b)	NH	-Br	-H	-Br
T640 (a and b)	NH	-Br	-H	-F
T641 (a and b)	NH	-Br	-H	$-CH_3$
T642 (a and b)	NH	-Br	-H	$-CF_3$
T643 (a and b)	NH	-Br	-H	$-OCH_3$
T644 (a and b)	NH	-Br	-H	$-OCH_2CH_3$
T645 (a and b)	NH	-Br	-H	$-OCF_3$
T646 (a and b)	NH	-Br	-H	-*tert*-butyl
T647 (a and b)	NH	-Br	-H	-*iso*-propyl
T648 (a and b)	NH	-I	-Cl	-H
T649 (a and b)	NH	-I	-Br	-H
T650 (a and b)	NH	-I	-F	-H
T651 (a and b)	NH	-I	$-CH_3$	-H
T652 (a and b)	NH	-I	$-CF_3$	-H
T653 (a and b)	NH	-I	$-OCH_3$	-H
T654 (a and b)	NH	-I	$-OCH_2CH_3$	-H
T655 (a and b)	NH	-I	$-OCF_3$	-H
T656 (a and b)	NH	-I	-*tert*-butyl	-H
T657 (a and b)	NH	-I	-*iso*-propyl	-H
T658 (a and b)	NH	-I	$-CH_3$	$-CH_3$
T659 (a and b)	NH	-I	-H	-H
T660 (a and b)	NH	-I	-H	-Cl
T661 (a and b)	NH	-I	-H	-Br
T662 (a and b)	NH	-I	-H	-F
T663 (a and b)	NH	-I	-H	$-CH_3$
T664 (a and b)	NH	-I	-H	$-CF_3$
T665 (a and b)	NH	-I	-H	$-OCH_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
T666 (a and b)	NH	-I	-H	$-OCH_2CH_3$
T667 (a and b)	NH	-I	-H	$-OCF_3$
T668 (a and b)	NH	-I	-H	*-tert*-butyl
T669 (a and b)	NH	-I	-H	*-iso*-propyl

(a) means that R_3 is -H.
(b) means that R_3 is $-CH_3$.

Table 21



(Iu)

and pharmaceutically acceptable salts thereof, wherein:

Compound	R_1	R_{8a}
U1 (a and b)	-H	-H
U2 (a and b)	-H	-*tert*-butyl
U3 (a and b)	-H	-*iso*-butyl
U4 (a and b)	-H	-*sec*-butyl
U5 (a and b)	-H	-*iso*-propyl
U6 (a and b)	-H	-n-propyl
U7 (a and b)	-H	-cyclohexyl
U8 (a and b)	-H	-*tert*-butoxy
U9 (a and b)	-H	-isopropoxy
U10 (a and b)	-H	$-CF_3$
U11 (a and b)	-H	$-CH_2CF_3$
U12 (a and b)	-H	$-OCF_3$
U13 (a and b)	-H	-Cl
U14 (a and b)	-H	-Br
U15 (a and b)	-H	-I

Compound	R_1	R_{8a}
U16 (a and b)	-H	-n-butyl
U17 (a and b)	-H	$-CH_3$
U18 (a and b)	-H	$-SCF_3$
U19 (a and b)	-H	$-N(CH_2CH_3)_2$
U20 (a and b)	-H	$-OCF_2CHF_2$
U21 (a and b)	-H	$-C(OH)(CF_3)_2$
U22 (a and b)	-H	-(1,1-dimethyl-pentyl)
U23 (a and b)	-H	-(1,1-dimethyl-acetic acid) ethyl ester
U24 (a and b)	-H	-*N*-piperidinyl
U25 (a and b)	-Cl	-H
U26 (a and b)	-Cl	-*tert*-butyl
U27 (a and b)	-Cl	-*iso*-butyl
U28 (a and b)	-Cl	-*sec*-butyl
U29 (a and b)	-Cl	-*iso*-propyl
U30 (a and b)	-Cl	-n-propyl
U31 (a and b)	-Cl	-cyclohexyl
U32 (a and b)	-Cl	-*tert*-butoxy
U33 (a and b)	-Cl	-isopropoxy
U34 (a and b)	-Cl	$-CF_3$
U35 (a and b)	-Cl	$-CH_2CF_3$
U36 (a and b)	-Cl	$-OCF_3$
U37 (a and b)	-Cl	-Cl
U38 (a and b)	-Cl	-Br
U39 (a and b)	-Cl	-I
U40 (a and b)	-Cl	-n-butyl
U41 (a and b)	-Cl	$-CH_3$
U42 (a and b)	-Cl	$-SCF_3$
U43 (a and b)	-Cl	$-N(CH_2CH_3)_2$
U44 (a and b)	-Cl	$-OCF_2CHF_2$
U45 (a and b)	-Cl	$-C(OH)(CF_3)_2$

Compound	R_1	R_{8a}
U46 (a and b)	-Cl	-(1,1-dimethyl-pentyl)
U47 (a and b)	-Cl	-(1,1-dimethyl-acetic acid) ethyl ester
U48 (a and b)	-Cl	-*N*-piperidinyl
U49 (a and b)	-F	-H
U50 (a and b)	-F	-*tert*-butyl
U51 (a and b)	-F	-*iso*-butyl
U52 (a and b)	-F	-*sec*-butyl
U53 (a and b)	-F	-*iso*-propyl
U54 (a and b)	-F	-n-propyl
U55 (a and b)	-F	-cyclohexyl
U56 (a and b)	-F	-*tert*-butoxy
U57 (a and b)	-F	-isopropoxy
U58 (a and b)	-F	$-CF_3$
U59 (a and b)	-F	$-CH_2CF_3$
U60 (a and b)	-F	$-OCF_3$
U61 (a and b)	-F	-Cl
U62 (a and b)	-F	-Br
U63 (a and b)	-F	-I
U64 (a and b)	-F	-n-butyl
U65 (a and b)	-F	$-CH_3$
U66 (a and b)	-F	$-SCF_3$
U67 (a and b)	-F	$-N(CH_2CH_3)_2$
U68 (a and b)	-F	$-OCF_2CHF_2$
U69 (a and b)	-F	$-C(OH)(CF_3)_2$
U70 (a and b)	-F	-(1,1-dimethyl-pentyl)
U71 (a and b)	-F	-(1,1-dimethyl-acetic acid) ethyl ester
U72 (a and b)	-F	-*N*-piperidinyl
U73 (a and b)	$-CH_3$	-H
U74 (a and b)	$-CH_3$	-*iso*-butyl
U75 (a and b)	$-CH_3$	-*tert*-butyl

Compound	R_1	R_{8a}
U76 (a and b)	$-CH_3$	-*sec*-butyl
U77 (a and b)	$-CH_3$	-*iso*-propyl
U78 (a and b)	$-CH_3$	-n-propyl
U79 (a and b)	$-CH_3$	-cyclohexyl
U80 (a and b)	$-CH_3$	-*tert*-butoxy
U81 (a and b)	$-CH_3$	-isopropoxy
U82 (a and b)	$-CH_3$	$-CF_3$
U83 (a and b)	$-CH_3$	$-CH_2CF_3$
U84 (a and b)	$-CH_3$	$-OCF_3$
U85 (a and b)	$-CH_3$	-Cl
U86 (a and b)	$-CH_3$	-Br
U87 (a and b)	$-CH_3$	-I
U88 (a and b)	$-CH_3$	-n-butyl
U89 (a and b)	$-CH_3$	$-CH_3$
U90 (a and b)	$-CH_3$	$-SCF_3$
U91 (a and b)	$-CH_3$	$-N(CH_2CH_3)_2$
U92 (a and b)	$-CH_3$	$-OCF_2CHF_2$
U93 (a and b)	$-CH_3$	$-C(OH)(CF_3)_2$
U94 (a and b)	$-CH_3$	-(1,1-dimethyl-pentyl)
U95 (a and b)	$-CH_3$	-(1,1-dimethyl-acetic acid) ethyl ester
U96 (a and b)	$-CH_3$	-*N*-piperidinyl
U97 (a and b)	$-CF_3$	-H
U98 (a and b)	$-CF_3$	-*tert*-butyl
U99 (a and b)	$-CF_3$	-*iso*-butyl
U100 (a and b)	$-CF_3$	-*sec*-butyl
U101 (a and b)	$-CF_3$	-*iso*-propyl
U102 (a and b)	$-CF_3$	-n-propyl
U103 (a and b)	$-CF_3$	-cyclohexyl
U104 (a and b)	$-CF_3$	-*tert*-butoxy
U105 (a and b)	$-CF_3$	-isopropoxy

Compound	R_1	R_{8a}
U106 (a and b)	$-CF_3$	$-CF_3$
U107 (a and b)	$-CF_3$	$-CH_2CF_3$
U108 (a and b)	$-CF_3$	$-OCF_3$
U109 (a and b)	$-CF_3$	-Cl
U110 (a and b)	$-CF_3$	-Br
U111 (a and b)	$-CF_3$	-I
U112 (a and b)	$-CF_3$	-n-butyl
U113 (a and b)	$-CF_3$	$-CH_3$
U114 (a and b)	$-CF_3$	$-SCF_3$
U115 (a and b)	$-CF_3$	$-N(CH_2CH_3)_2$
U116 (a and b)	$-CF_3$	$-OCF_2CHF_2$
U117 (a and b)	$-CF_3$	$-C(OH)(CF_3)_2$
U118 (a and b)	$-CF_3$	-(1,1-dimethyl-pentyl)
U119 (a and b)	$-CF_3$	-(1,1-dimethyl-acetic acid) ethyl ester
U120 (a and b)	$-CF_3$	-*N*-piperidinyl
U121 (a and b)	$-CHF_2$	-*tert*-butyl
U122 (a and b)	$-CHF_2$	-H
U123 (a and b)	$-CHF_2$	-*iso*-butyl
U124 (a and b)	$-CHF_2$	-*sec*-butyl
U125 (a and b)	$-CHF_2$	-*iso*-propyl
U126 (a and b)	$-CHF_2$	-n-propyl
U127 (a and b)	$-CHF_2$	-cyclohexyl
U128 (a and b)	$-CHF_2$	-*tert*-butoxy
U129 (a and b)	$-CHF_2$	-isopropoxy
U130 (a and b)	$-CHF_2$	$-CF_3$
U131 (a and b)	$-CHF_2$	$-CH_2CF_3$
U132 (a and b)	$-CHF_2$	$-OCF_3$
U133 (a and b)	$-CHF_2$	-Cl
U134 (a and b)	$-CHF_2$	-Br
U135 (a and b)	$-CHF_2$	-I

Compound	R_1	R_{8a}
U136 (a and b)	$-CHF_2$	-n-butyl
U137 (a and b)	$-CHF_2$	$-CH_3$
U138 (a and b)	$-CHF_2$	$-SCF_3$
U139 (a and b)	$-CHF_2$	$-N(CH_2CH_3)_2$
U140 (a and b)	$-CHF_2$	$-OCF_2CHF_2$
U141 (a and b)	$-CHF_2$	$-C(OH)(CF_3)_2$
U142 (a and b)	$-CHF_2$	-(1,1-dimethyl-pentyl)
U143 (a and b)	$-CHF_2$	-(1,1-dimethyl-acetic acid) ethyl ester
U144 (a and b)	$-CHF_2$	-*N*-piperidinyl
U145 (a and b)	-OH	-H
U146 (a and b)	-OH	-*tert*-butyl
U147 (a and b)	-OH	-*iso*-butyl
U148 (a and b)	-OH	-*sec*-butyl
U149 (a and b)	-OH	-*iso*-propyl
U150 (a and b)	-OH	-n-propyl
U151 (a and b)	-OH	-cyclohexyl
U152 (a and b)	-OH	-*tert*-butoxy
U153 (a and b)	-OH	-isopropoxy
U154 (a and b)	-OH	$-CF_3$
U155 (a and b)	-OH	$-CH_2CF_3$
U156 (a and b)	-OH	$-OCF_3$
U157 (a and b)	-OH	-Cl
U158 (a and b)	-OH	-Br
U159 (a and b)	-OH	-I
U160 (a and b)	-OH	-n-butyl
U161 (a and b)	-OH	$-CH_3$
U162 (a and b)	-OH	$-SCF_3$
U163 (a and b)	-OH	$-N(CH_2CH_3)_2$
U164 (a and b)	-OH	$-OCF_2CHF_2$
U165 (a and b)	-OH	$-C(OH)(CF_3)_2$

Compound	R_1	R_{8a}
U166 (a and b)	-OH	-(1,1-dimethyl-pentyl)
U167 (a and b)	-OH	-(1,1-dimethyl-acetic acid) ethyl ester
U168 (a and b)	-OH	-*N*-piperidinyl
U169 (a and b)	$-NO_2$	-H
U170 (a and b)	$-NO_2$	-*tert*-butyl
U171 (a and b)	$-NO_2$	-*iso*-butyl
U172 (a and b)	$-NO_2$	-*sec*-butyl
U173 (a and b)	$-NO_2$	-*iso*-propyl
U174 (a and b)	$-NO_2$	-n-propyl
U175 (a and b)	$-NO_2$	-cyclohexyl
U176 (a and b)	$-NO_2$	-*tert*-butoxy
U177 (a and b)	$-NO_2$	-isopropoxy
U178 (a and b)	$-NO_2$	$-CF_3$
U179 (a and b)	$-NO_2$	$-CH_2CF_3$
U180 (a and b)	$-NO_2$	$-OCF_3$
U181 (a and b)	$-NO_2$	-Cl
U182 (a and b)	$-NO_2$	-Br
U183 (a and b)	$-NO_2$	-I
U184 (a and b)	$-NO_2$	-n-butyl
U185 (a and b)	$-NO_2$	$-CH_3$
U186 (a and b)	$-NO_2$	$-SCF_3$
U187 (a and b)	$-NO_2$	$-N(CH_2CH_3)_2$
U188 (a and b)	$-NO_2$	$-OCF_2CHF_2$
U189 (a and b)	$-NO_2$	$-C(OH)(CF_3)_2$
U190 (a and b)	$-NO_2$	-(1,1-dimethyl-pentyl)
U191 (a and b)	$-NO_2$	-(1,1-dimethyl-acetic acid) ethyl ester
U192 (a and b)	$-NO_2$	-*N*-piperidinyl
U193 (a and b)	-CN	-H
U194 (a and b)	-CN	-*tert*-butyl
U195 (a and b)	-CN	-*iso*-butyl

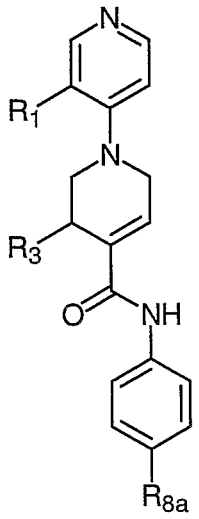
Compound	R_1	R_{8a}
U196 (a and b)	-CN	-*sec*-butyl
U197 (a and b)	-CN	-*iso*-propyl
U198 (a and b)	-CN	-n-propyl
U199 (a and b)	-CN	-cyclohexyl
U200 (a and b)	-CN	-*tert*-butoxy
U201 (a and b)	-CN	-isopropoxy
U202 (a and b)	-CN	$-CF_3$
U203 (a and b)	-CN	$-CH_2CF_3$
U204 (a and b)	-CN	$-OCF_3$
U205 (a and b)	-CN	-Cl
U206 (a and b)	-CN	-Br
U207 (a and b)	-CN	-I
U208 (a and b)	-CN	-n-butyl
U209 (a and b)	-CN	$-CH_3$
U210 (a and b)	-CN	$-SCF_3$
U211 (a and b)	-CN	$-N(CH_2CH_3)_2$
U212 (a and b)	-CN	$-OCF_2CHF_2$
U213 (a and b)	-CN	$-C(OH)(CF_3)_2$
U214 (a and b)	-CN	-(1,1-dimethyl-pentyl)
U215 (a and b)	-CN	-(1,1-dimethyl-acetic acid) ethyl ester
U216 (a and b)	-CN	-*N*-piperidinyl
U217 (a and b)	-Br	-H
U218 (a and b)	-Br	-*tert*-butyl
U219 (a and b)	-Br	-*iso*-butyl
U220 (a and b)	-Br	-*sec*-butyl
U221 (a and b)	-Br	-*iso*-propyl
U222 (a and b)	-Br	-n-propyl
U223 (a and b)	-Br	-cyclohexyl
U224 (a and b)	-Br	-*tert*-butoxy
U225 (a and b)	-Br	-isopropoxy

Compound	R_1	R_{8a}
U226 (a and b)	-Br	$-CF_3$
U227 (a and b)	-Br	$-CH_2CF_3$
U228 (a and b)	-Br	$-OCF_3$
U229 (a and b)	-Br	-Cl
U230 (a and b)	-Br	-Br
U231 (a and b)	-Br	-I
U232 (a and b)	-Br	-n-butyl
U233 (a and b)	-Br	$-CH_3$
U234 (a and b)	-Br	$-SCF_3$
U235 (a and b)	-Br	$-N(CH_2CH_3)_2$
U236 (a and b)	-Br	$-OCF_2CHF_2$
U237 (a and b)	-Br	$-C(OH)(CF_3)_2$
U238 (a and b)	-Br	-(1,1-dimethyl-pentyl)
U239 (a and b)	-Br	-(1,1-dimethyl-acetic acid) ethyl ester
U240 (a and b)	-Br	-*N*-piperidinyl
U241 (a and b)	-I	-*tert*-butyl
U242 (a and b)	-I	-H
U243 (a and b)	-I	-*iso*-butyl
U244 (a and b)	-I	-*sec*-butyl
U245 (a and b)	-I	-*iso*-propyl
U246 (a and b)	-I	-n-propyl
U247 (a and b)	-I	-cyclohexyl
U248 (a and b)	-I	-*tert*-butoxy
U249 (a and b)	-I	-isopropoxy
U250 (a and b)	-I	$-CF_3$
U251 (a and b)	-I	$-CH_2CF_3$
U252 (a and b)	-I	$-OCF_3$
U253 (a and b)	-I	-Cl
U254 (a and b)	-I	-Br
U255 (a and b)	-I	-I

Compound	R_1	R_{8a}
U256 (a and b)	-I	-n-butyl
U257 (a and b)	-I	$-CH_3$
U258 (a and b)	-I	$-SCF_3$
U259 (a and b)	-I	$-N(CH_2CH_3)_2$
U260 (a and b)	-I	$-OCF_2CHF_2$
U261 (a and b)	-I	$-C(OH)(CF_3)_2$
U262 (a and b)	-I	-(1,1-dimethyl-pentyl)
U263 (a and b)	-I	-(1,1-dimethyl-acetic acid) ethyl ester
U264 (a and b)	-I	-*N*-piperidinyl

(a) means that R_3 is -H.
(b) means that R_3 is $-CH_3$.

Table 22



(Iv)

and pharmaceutically acceptable salts thereof, wherein:

Compound	R_1	R_{8a}
V1 (a and b)	-H	-H
V2 (a and b)	-H	-*tert*-butyl
V3 (a and b)	-H	-*iso*-butyl
V4 (a and b)	-H	-*sec*-butyl
V5 (a and b)	-H	-*iso*-propyl
V6 (a and b)	-H	-n-propyl
V7 (a and b)	-H	-cyclohexyl
V8 (a and b)	-H	-*tert*-butoxy
V9 (a and b)	-H	-isopropoxy
V10 (a and b)	-H	$-CF_3$
V11 (a and b)	-H	$-CH_2CF_3$
V12 (a and b)	-H	$-OCF_3$
V13 (a and b)	-H	-Cl
V14 (a and b)	-H	-Br
V15 (a and b)	-H	-I

Compound	R_1	R_{8a}
V16 (a and b)	-H	-n-butyl
V17 (a and b)	-H	$-CH_3$
V18 (a and b)	-H	$-SCF_3$
V19 (a and b)	-H	$-N(CH_2CH_3)_2$
V20 (a and b)	-H	$-OCF_2CHF_2$
V21 (a and b)	-H	$-C(OH)(CF_3)_2$
V22 (a and b)	-H	-(1,1-dimethyl-pentyl)
V23 (a and b)	-H	-(1,1-dimethyl-acetic acid) ethyl ester
V24 (a and b)	-H	-*N*-piperidinyl
V25 (a and b)	-Cl	-H
V26 (a and b)	-Cl	-*tert*-butyl
V27 (a and b)	-Cl	-*iso*-butyl
V28 (a and b)	-Cl	-*sec*-butyl
V29 (a and b)	-Cl	-*iso*-propyl
V30 (a and b)	-Cl	-n-propyl
V31 (a and b)	-Cl	-cyclohexyl
V32 (a and b)	-Cl	-*tert*-butoxy
V33 (a and b)	-Cl	-isopropoxy
V34 (a and b)	-Cl	$-CF_3$
V35 (a and b)	-Cl	$-CH_2CF_3$
V36 (a and b)	-Cl	$-OCF_3$
V37 (a and b)	-Cl	-Cl
V38 (a and b)	-Cl	-Br
V39 (a and b)	-Cl	-I
V40 (a and b)	-Cl	-n-butyl
V41 (a and b)	-Cl	$-CH_3$
V42 (a and b)	-Cl	$-SCF_3$
V43 (a and b)	-Cl	$-N(CH_2CH_3)_2$
V44 (a and b)	-Cl	$-OCF_2CHF_2$
V45 (a and b)	-Cl	$-C(OH)(CF_3)_2$

Compound	R_1	R_{8a}
V46 (a and b)	-Cl	-(1,1-dimethyl-pentyl)
V47 (a and b)	-Cl	-(1,1-dimethyl-acetic acid) ethyl ester
V48 (a and b)	-Cl	-*N*-piperidinyl
V49 (a and b)	-F	-H
V50 (a and b)	-F	-*tert*-butyl
V51 (a and b)	-F	-*iso*-butyl
V52 (a and b)	-F	-*sec*-butyl
V53 (a and b)	-F	-*iso*-propyl
V54 (a and b)	-F	-n-propyl
V55 (a and b)	-F	-cyclohexyl
V56 (a and b)	-F	-*tert*-butoxy
V57 (a and b)	-F	-isopropoxy
V58 (a and b)	-F	$-CF_3$
V59 (a and b)	-F	$-CH_2CF_3$
V60 (a and b)	-F	$-OCF_3$
V61 (a and b)	-F	-Cl
V62 (a and b)	-F	-Br
V63 (a and b)	-F	-I
V64 (a and b)	-F	-n-butyl
V65 (a and b)	-F	$-CH_3$
V66 (a and b)	-F	$-SCF_3$
V67 (a and b)	-F	$-N(CH_2CH_3)_2$
V68 (a and b)	-F	$-OCF_2CHF_2$
V69 (a and b)	-F	$-C(OH)(CF_3)_2$
V70 (a and b)	-F	-(1,1-dimethyl-pentyl)
V71 (a and b)	-F	-(1,1-dimethyl-acetic acid) ethyl ester
V72 (a and b)	-F	-*N*-piperidinyl
V73 (a and b)	$-CH_3$	-H
V74 (a and b)	$-CH_3$	-*iso*-butyl
V75 (a and b)	$-CH_3$	-*tert*-butyl

Compound	R_1	R_{8a}
V76 (a and b)	$-CH_3$	-*sec*-butyl
V77 (a and b)	$-CH_3$	-*iso*-propyl
V78 (a and b)	$-CH_3$	-n-propyl
V79 (a and b)	$-CH_3$	-cyclohexyl
V80 (a and b)	$-CH_3$	-*tert*-butoxy
V81 (a and b)	$-CH_3$	-isopropoxy
V82 (a and b)	$-CH_3$	$-CF_3$
V83 (a and b)	$-CH_3$	$-CH_2CF_3$
V84 (a and b)	$-CH_3$	$-OCF_3$
V85 (a and b)	$-CH_3$	-Cl
V86 (a and b)	$-CH_3$	-Br
V87 (a and b)	$-CH_3$	-I
V88 (a and b)	$-CH_3$	-n-butyl
V89 (a and b)	$-CH_3$	$-CH_3$
V90 (a and b)	$-CH_3$	$-SCF_3$
V91 (a and b)	$-CH_3$	$-N(CH_2CH_3)_2$
V92 (a and b)	$-CH_3$	$-OCF_2CHF_2$
V93 (a and b)	$-CH_3$	$-C(OH)(CF_3)_2$
V94 (a and b)	$-CH_3$	-(1,1-dimethyl-pentyl)
V95 (a and b)	$-CH_3$	-(1,1-dimethyl-acetic acid) ethyl ester
V96 (a and b)	$-CH_3$	-*N*-piperidinyl
V97 (a and b)	$-CF_3$	-H
V98 (a and b)	$-CF_3$	-*tert*-butyl
V99 (a and b)	$-CF_3$	-*iso*-butyl
V100 (a and b)	$-CF_3$	-*sec*-butyl
V101 (a and b)	$-CF_3$	-*iso*-propyl
V102 (a and b)	$-CF_3$	-n-propyl
V103 (a and b)	$-CF_3$	-cyclohexyl
V104 (a and b)	$-CF_3$	-*tert*-butoxy
V105 (a and b)	$-CF_3$	-isopropoxy

Compound	R_1	R_{8a}
V106 (a and b)	$-CF_3$	$-CF_3$
V107 (a and b)	$-CF_3$	$-CH_2CF_3$
V108 (a and b)	$-CF_3$	$-OCF_3$
V109 (a and b)	$-CF_3$	-Cl
V110 (a and b)	$-CF_3$	-Br
V111 (a and b)	$-CF_3$	-I
V112 (a and b)	$-CF_3$	-n-butyl
V113 (a and b)	$-CF_3$	$-CH_3$
V114 (a and b)	$-CF_3$	$-SCF_3$
V115 (a and b)	$-CF_3$	$-N(CH_2CH_3)_2$
V116 (a and b)	$-CF_3$	$-OCF_2CHF_2$
V117 (a and b)	$-CF_3$	$-C(OH)(CF_3)_2$
V118 (a and b)	$-CF_3$	-(1,1-dimethyl-pentyl)
V119 (a and b)	$-CF_3$	-(1,1-dimethyl-acetic acid) ethyl ester
V120 (a and b)	$-CF_3$	-*N*-piperidinyl
V121 (a and b)	$-CHF_2$	-*tert*-butyl
V122 (a and b)	$-CHF_2$	-H
V123 (a and b)	$-CHF_2$	-*iso*-butyl
V124 (a and b)	$-CHF_2$	-*sec*-butyl
V125 (a and b)	$-CHF_2$	-*iso*-propyl
V126 (a and b)	$-CHF_2$	-n-propyl
V127 (a and b)	$-CHF_2$	-cyclohexyl
V128 (a and b)	$-CHF_2$	-*tert*-butoxy
V129 (a and b)	$-CHF_2$	-isopropoxy
V130 (a and b)	$-CHF_2$	$-CF_3$
V131 (a and b)	$-CHF_2$	$-CH_2CF_3$
V132 (a and b)	$-CHF_2$	$-OCF_3$
V133 (a and b)	$-CHF_2$	-Cl
V134 (a and b)	$-CHF_2$	-Br
V135 (a and b)	$-CHF_2$	-I

Compound	R_1	R_{8a}
V136 (a and b)	$-CHF_2$	-n-butyl
V137 (a and b)	$-CHF_2$	$-CH_3$
V138 (a and b)	$-CHF_2$	$-SCF_3$
V139 (a and b)	$-CHF_2$	$-N(CH_2CH_3)_2$
V140 (a and b)	$-CHF_2$	$-OCF_2CHF_2$
V141 (a and b)	$-CHF_2$	$-C(OH)(CF_3)_2$
V142 (a and b)	$-CHF_2$	-(1,1-dimethyl-pentyl)
V143 (a and b)	$-CHF_2$	-(1,1-dimethyl-acetic acid) ethyl ester
V144 (a and b)	$-CHF_2$	-*N*-piperidinyl
V145 (a and b)	-OH	-H
V146 (a and b)	-OH	-*tert*-butyl
V147 (a and b)	-OH	-*iso*-butyl
V148 (a and b)	-OH	-*sec*-butyl
V149 (a and b)	-OH	-*iso*-propyl
V150 (a and b)	-OH	-n-propyl
V151 (a and b)	-OH	-cyclohexyl
V152 (a and b)	-OH	-*tert*-butoxy
V153 (a and b)	-OH	-isopropoxy
V154 (a and b)	-OH	$-CF_3$
V155 (a and b)	-OH	$-CH_2CF_3$
V156 (a and b)	-OH	$-OCF_3$
V157 (a and b)	-OH	-Cl
V158 (a and b)	-OH	-Br
V159 (a and b)	-OH	-I
V160 (a and b)	-OH	-n-butyl
V161 (a and b)	-OH	$-CH_3$
V162 (a and b)	-OH	$-SCF_3$
V163 (a and b)	-OH	$-N(CH_2CH_3)_2$
V164 (a and b)	-OH	$-OCF_2CHF_2$
V165 (a and b)	-OH	$-C(OH)(CF_3)_2$

Compound	R_1	R_{8a}
V166 (a and b)	-OH	-(1,1-dimethyl-pentyl)
V167 (a and b)	-OH	-(1,1-dimethyl-acetic acid) ethyl ester
V168 (a and b)	-OH	-*N*-piperidinyl
V169 (a and b)	$-NO_2$	-H
V170 (a and b)	$-NO_2$	-*tert*-butyl
V171 (a and b)	$-NO_2$	-*iso*-butyl
V172 (a and b)	$-NO_2$	-*sec*-butyl
V173 (a and b)	$-NO_2$	-*iso*-propyl
V174 (a and b)	$-NO_2$	-n-propyl
V175 (a and b)	$-NO_2$	-cyclohexyl
V176 (a and b)	$-NO_2$	-*tert*-butoxy
V177 (a and b)	$-NO_2$	-isopropoxy
V178 (a and b)	$-NO_2$	$-CF_3$
V179 (a and b)	$-NO_2$	$-CH_2CF_3$
V180 (a and b)	$-NO_2$	$-OCF_3$
V181 (a and b)	$-NO_2$	-Cl
V182 (a and b)	$-NO_2$	-Br
V183 (a and b)	$-NO_2$	-I
V184 (a and b)	$-NO_2$	-n-butyl
V185 (a and b)	$-NO_2$	$-CH_3$
V186 (a and b)	$-NO_2$	$-SCF_3$
V187 (a and b)	$-NO_2$	$-N(CH_2CH_3)_2$
V188 (a and b)	$-NO_2$	$-OCF_2CHF_2$
V189 (a and b)	$-NO_2$	$-C(OH)(CF_3)_2$
V190 (a and b)	$-NO_2$	-(1,1-dimethyl-pentyl)
V191 (a and b)	$-NO_2$	-(1,1-dimethyl-acetic acid) ethyl ester
V192 (a and b)	$-NO_2$	-*N*-piperidinyl
V193 (a and b)	-CN	-H
V194 (a and b)	-CN	-*tert*-butyl
V195 (a and b)	-CN	-*iso*-butyl

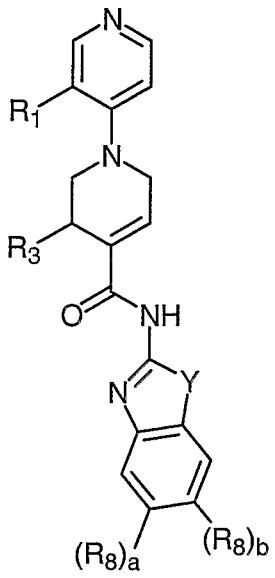
Compound	R_1	R_{8a}
V196 (a and b)	-CN	-*sec*-butyl
V197 (a and b)	-CN	-*iso*-propyl
V198 (a and b)	-CN	-n-propyl
V199 (a and b)	-CN	-cyclohexyl
V200 (a and b)	-CN	-*tert*-butoxy
V201 (a and b)	-CN	-isopropoxy
V202 (a and b)	-CN	$-CF_3$
V203 (a and b)	-CN	$-CH_2CF_3$
V204 (a and b)	-CN	$-OCF_3$
V205 (a and b)	-CN	-Cl
V206 (a and b)	-CN	-Br
V207 (a and b)	-CN	-I
V208 (a and b)	-CN	-n-butyl
V209 (a and b)	-CN	$-CH_3$
V210 (a and b)	-CN	$-SCF_3$
V211 (a and b)	-CN	$-N(CH_2CH_3)_2$
V212 (a and b)	-CN	$-OCF_2CHF_2$
V213 (a and b)	-CN	$-C(OH)(CF_3)_2$
V214 (a and b)	-CN	-(1,1-dimethyl-pentyl)
V215 (a and b)	-CN	-(1,1-dimethyl-acetic acid) ethyl ester
V216 (a and b)	-CN	-*N*-piperidinyl
V217 (a and b)	-Br	-H
V218 (a and b)	-Br	-*tert*-butyl
V219 (a and b)	-Br	-*iso*-butyl
V220 (a and b)	-Br	-*sec*-butyl
V221 (a and b)	-Br	-*iso*-propyl
V222 (a and b)	-Br	-n-propyl
V223 (a and b)	-Br	-cyclohexyl
V224 (a and b)	-Br	-*tert*-butoxy
V225 (a and b)	-Br	-isopropoxy

Compound	R_1	R_{8a}
V226 (a and b)	-Br	$-CF_3$
V227 (a and b)	-Br	$-CH_2CF_3$
V228 (a and b)	-Br	$-OCF_3$
V229 (a and b)	-Br	-Cl
V230 (a and b)	-Br	-Br
V231 (a and b)	-Br	-I
V232 (a and b)	-Br	-n-butyl
V233 (a and b)	-Br	$-CH_3$
V234 (a and b)	-Br	$-SCF_3$
V235 (a and b)	-Br	$-N(CH_2CH_3)_2$
V236 (a and b)	-Br	$-OCF_2CHF_2$
V237 (a and b)	-Br	$-C(OH)(CF_3)_2$
V238 (a and b)	-Br	-(1,1-dimethyl-pentyl)
V239 (a and b)	-Br	-(1,1-dimethyl-acetic acid) ethyl ester
V240 (a and b)	-Br	-*N*-piperidinyl
V241 (a and b)	-I	-*tert*-butyl
V242 (a and b)	-I	-H
V243 (a and b)	-I	-*iso*-butyl
V244 (a and b)	-I	-*sec*-butyl
V245 (a and b)	-I	-*iso*-propyl
V246 (a and b)	-I	-n-propyl
V247 (a and b)	-I	-cyclohexyl
V248 (a and b)	-I	-*tert*-butoxy
V249 (a and b)	-I	-isopropoxy
V250 (a and b)	-I	$-CF_3$
V251 (a and b)	-I	$-CH_2CF_3$
V252 (a and b)	-I	$-OCF_3$
V253 (a and b)	-I	-Cl
V254 (a and b)	-I	-Br
V255 (a and b)	-I	-I

Compound	R_1	R_{8a}
V256 (a and b)	-I	-n-butyl
V257 (a and b)	-I	$-CH_3$
V258 (a and b)	-I	$-SCF_3$
V259 (a and b)	-I	$-N(CH_2CH_3)_2$
V260 (a and b)	-I	$-OCF_2CHF_2$
V261 (a and b)	-I	$-C(OH)(CF_3)_2$
V262 (a and b)	-I	-(1,1-dimethyl-pentyl)
V263 (a and b)	-I	-(1,1-dimethyl-acetic acid) ethyl ester
V264 (a and b)	-I	-*N*-piperidinyl

(a) means that R_3 is -H.
(b) means that R_3 is $-CH_3$.

Table 23



(Iw)

and pharmaceutically acceptable salts thereof, wherein:

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
W1 (a and b)	S	-H	-Cl	-H
W2 (a and b)	S	-H	-Br	-H
W3 (a and b)	S	-H	-F	-H
W4 (a and b)	S	-H	$-CH_3$	-H
W5 (a and b)	S	-H	$-CF_3$	-H
W6 (a and b)	S	-H	$-OCH_3$	-H
W7 (a and b)	S	-H	$-OCH_2CH_3$	-H
W8 (a and b)	S	-H	$-OCF_3$	-H
W9 (a and b)	S	-H	*-tert*-butyl	-H
W10 (a and b)	S	-H	*-iso*-propyl	-H
W11 (a and b)	S	-H	$-CH_3$	$-CH_3$
W12 (a and b)	S	-H	-H	-H
W13 (a and b)	S	-H	-H	-Cl
W14 (a and b)	S	-H	-H	-Br
W15 (a and b)	S	-H	-H	-F

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
W16 (a and b)	S	-H	-H	$-CH_3$
W17 (a and b)	S	-H	-H	$-CF_3$
W18 (a and b)	S	-H	-H	$-OCH_3$
W19 (a and b)	S	-H	-H	$-OCH_2CH_3$
W20 (a and b)	S	-H	-H	$-OCF_3$
W21 (a and b)	S	-H	-H	-*tert*-butyl
W22 (a and b)	S	-H	-H	-*iso*-propyl
W23 (a and b)	S	-Cl	-Cl	-H
W24 (a and b)	S	-Cl	-Br	-H
W25 (a and b)	S	-Cl	-F	-H
W26 (a and b)	S	-Cl	$-CH_3$	-H
W27 (a and b)	S	-Cl	$-CF_3$	-H
W28 (a and b)	S	-Cl	$-OCH_3$	-H
W29 (a and b)	S	-Cl	$-OCH_2CH_3$	-H
W30 (a and b)	S	-Cl	$-OCF_3$	-H
W31 (a and b)	S	-Cl	-*tert*-butyl	-H
W32 (a and b)	S	-Cl	-*iso*-propyl	-H
W33 (a and b)	S	-Cl	$-CH_3$	$-CH_3$
W34 (a and b)	S	-Cl	-H	-H
W35 (a and b)	S	-Cl	-H	-Cl
W36 (a and b)	S	-Cl	-H	-Br
W37 (a and b)	S	-Cl	-H	-F
W38 (a and b)	S	-Cl	-H	$-CH_3$
W39 (a and b)	S	-Cl	-H	$-CF_3$
W40 (a and b)	S	-Cl	-H	$-OCH_3$
W41 (a and b)	S	-Cl	-H	$-OCH_2CH_3$
W42 (a and b)	S	-Cl	-H	$-OCF_3$
W43 (a and b)	S	-Cl	-H	-*tert*-butyl
W44 (a and b)	S	-Cl	-H	-*iso*-propyl
W45 (a and b)	S	-Cl	-H	$-OCF_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
W46 (a and b)	S	-Cl	-H	-*tert*-butyl
W47 (a and b)	S	-Cl	-H	-*iso*-propyl
W48 (a and b)	S	$-CH_3$	-Cl	-H
W49 (a and b)	S	$-CH_3$	-Br	-H
W50 (a and b)	S	$-CH_3$	-F	-H
W51 (a and b)	S	$-CH_3$	$-CH_3$	-H
W52 (a and b)	S	$-CH_3$	$-CF_3$	-H
W53 (a and b)	S	$-CH_3$	$-OCH_3$	-H
W54 (a and b)	S	$-CH_3$	$-OCH_2CH_3$	-H
W55 (a and b)	S	$-CH_3$	$-OCF_3$	-H
W56 (a and b)	S	$-CH_3$	-*tert*-butyl	-H
W57 (a and b)	S	$-CH_3$	-*iso*-propyl	-H
W58 (a and b)	S	$-CH_3$	$-CH_3$	$-CH_3$
W59 (a and b)	S	$-CH_3$	-H	-H
W60 (a and b)	S	$-CH_3$	-H	-Cl
W61 (a and b)	S	$-CH_3$	-H	-Br
W62 (a and b)	S	$-CH_3$	-H	-F
W63 (a and b)	S	$-CH_3$	-H	$-CH_3$
W64 (a and b)	S	$-CH_3$	-H	$-CF_3$
W65 (a and b)	S	$-CH_3$	-H	$-OCH_3$
W66 (a and b)	S	$-CH_3$	-H	$-OCH_2CH_3$
W67 (a and b)	S	$-CH_3$	-H	$-OCF_3$
W68 (a and b)	S	$-CH_3$	-H	-*tert*-butyl
W69 (a and b)	S	$-CH_3$	-H	-*iso*-propyl
W70 (a and b)	S	$-CF_3$	-Cl	-H
W71 (a and b)	S	$-CF_3$	-Br	-H
W72 (a and b)	S	$-CF_3$	-F	-H
W73 (a and b)	S	$-CF_3$	$-CH_3$	-H
W74 (a and b)	S	$-CF_3$	$-CF_3$	-H
W75 (a and b)	S	$-CF_3$	$-OCH_3$	-H
W76 (a and b)	S	$-CF_3$	$-OCH_2CH_3$	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
W77 (a and b)	S	$-CF_3$	$-OCF_3$	-H
W78 (a and b)	S	$-CF_3$	*-tert*-butyl	-H
W79 (a and b)	S	$-CF_3$	*-iso*-propyl	-H
W80 (a and b)	S	$-CF_3$	$-CH_3$	$-CH_3$
W81 (a and b)	S	$-CF_3$	-H	-H
W82 (a and b)	S	$-CF_3$	-H	-Cl
W83 (a and b)	S	$-CF_3$	-H	-Br
W84 (a and b)	S	$-CF_3$	-H	-F
W85 (a and b)	S	$-CF_3$	-H	$-CH_3$
W86 (a and b)	S	$-CF_3$	-H	$-CF_3$
W87 (a and b)	S	$-CF_3$	-H	$-OCH_3$
W88 (a and b)	S	$-CF_3$	-H	$-OCH_2CH_3$
W89 (a and b)	S	$-CF_3$	-H	$-OCF_3$
W90 (a and b)	S	$-CF_3$	-H	*-tert*-butyl
W91 (a and b)	S	$-CF_3$	-H	*-iso*-propyl
W92 (a and b)	S	$-CHF_2$	-Cl	-H
W93 (a and b)	S	$-CHF_2$	-Br	-H
W94 (a and b)	S	$-CHF_2$	-F	-H
W95 (a and b)	S	$-CHF_2$	$-CH_3$	-H
W96 (a and b)	S	$-CHF_2$	$-CF_3$	-H
W97 (a and b)	S	$-CHF_2$	$-OCH_3$	-H
W98 (a and b)	S	$-CHF_2$	$-OCH_2CH_3$	-H
W99 (a and b)	S	$-CHF_2$	$-OCF_3$	-H
W100 (a and b)	S	$-CHF_2$	*-tert*-butyl	-H
W101 (a and b)	S	$-CHF_2$	*-iso*-propyl	-H
W102 (a and b)	S	$-CHF_2$	$-CH_3$	$-CH_3$
W103 (a and b)	S	$-CHF_2$	-H	-H
W104 (a and b)	S	$-CHF_2$	-H	-Cl
W105 (a and b)	S	$-CHF_2$	-H	-Br
W106 (a and b)	S	$-CHF_2$	-H	-F
W107 (a and b)	S	$-CHF_2$	-H	$-CH_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
W108 (a and b)	S	$-CHF_2$	-H	$-CF_3$
W109 (a and b)	S	$-CHF_2$	-H	$-OCH_3$
W110 (a and b)	S	$-CHF_2$	-H	$-OCH_2CH_3$
W111 (a and b)	S	$-CHF_2$	-H	$-OCF_3$
W112 (a and b)	S	$-CHF_2$	-H	*-tert*-butyl
W113 (a and b)	S	$-CHF_2$	-H	*-iso*-propyl
W114 (a and b)	S	-OH	-Cl	-H
W115 (a and b)	S	-OH	-Br	-H
W116 (a and b)	S	-OH	-F	-H
W117 (a and b)	S	-OH	$-CH_3$	-H
W118 (a and b)	S	-OH	$-CF_3$	-H
W119 (a and b)	S	-OH	$-OCH_3$	-H
W120 (a and b)	S	-OH	$-OCH_2CH_3$	-H
W121 (a and b)	S	-OH	$-OCF_3$	-H
W122 (a and b)	S	-OH	*-tert*-butyl	-H
W123 (a and b)	S	-OH	*-iso*-propyl	-H
W124 (a and b)	S	-OH	$-CH_3$	$-CH_3$
W125 (a and b)	S	-OH	-H	-H
W126 (a and b)	S	-OH	-H	-Cl
W127 (a and b)	S	-OH	-H	-Br
W128 (a and b)	S	-OH	-H	-F
W129 (a and b)	S	-OH	-H	$-CH_3$
W130 (a and b)	S	-OH	-H	$-CF_3$
W131 (a and b)	S	-OH	-H	$-OCH_3$
W132 (a and b)	S	-OH	-H	$-OCH_2CH_3$
W133 (a and b)	S	-OH	-H	$-OCF_3$
W134 (a and b)	S	-OH	-H	*-tert*-butyl
W135 (a and b)	S	-OH	-H	*-iso*-propyl
W136 (a and b)	S	$-NO_2$	-Cl	-H
W137 (a and b)	S	$-NO_2$	-Br	-H
W138 (a and b)	S	$-NO_2$	-F	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
W139 (a and b)	S	$-NO_2$	$-CH_3$	-H
W140 (a and b)	S	$-NO_2$	$-CF_3$	-H
W141 (a and b)	S	$-NO_2$	$-OCH_3$	-H
W142 (a and b)	S	$-NO_2$	$-OCH_2CH_3$	-H
W143 (a and b)	S	$-NO_2$	$-OCF_3$	-H
W144 (a and b)	S	$-NO_2$	*-tert*-butyl	-H
W145 (a and b)	S	$-NO_2$	*-iso*-propyl	-H
W146 (a and b)	S	$-NO_2$	$-CH_3$	$-CH_3$
W147 (a and b)	S	$-NO_2$	-H	-H
W148 (a and b)	S	$-NO_2$	-H	-Cl
W149 (a and b)	S	$-NO_2$	-H	-Br
W150 (a and b)	S	$-NO_2$	-H	-F
W151 (a and b)	S	$-NO_2$	-H	$-CH_3$
W152 (a and b)	S	$-NO_2$	-H	$-CF_3$
W153 (a and b)	S	$-NO_2$	-H	$-OCH_3$
W154 (a and b)	S	$-NO_2$	-H	$-OCH_2CH_3$
W155 (a and b)	S	$-NO_2$	-H	$-OCF_3$
W156 (a and b)	S	$-NO_2$	-H	*-tert*-butyl
W157 (a and b)	S	$-NO_2$	-H	*-iso*-propyl
W158 (a and b)	S	-CN	-Br	-H
W159 (a and b)	S	-CN	-Cl	-H
W160 (a and b)	S	-CN	-F	-H
W161 (a and b)	S	-CN	$-CH_3$	-H
W162 (a and b)	S	-CN	$-CF_3$	-H
W163 (a and b)	S	-CN	$-OCH_3$	-H
W164 (a and b)	S	-CN	$-OCH_2CH_3$	-H
W165 (a and b)	S	-CN	$-OCF_3$	-H
W166 (a and b)	S	-CN	*-tert*-butyl	-H
W167 (a and b)	S	-CN	*-iso*-propyl	-H
W168 (a and b)	S	-CN	$-CH_3$	$-CH_3$
W169 (a and b)	S	-CN	-H	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
W170 (a and b)	S	-CN	-H	-Cl
W171 (a and b)	S	-CN	-H	-Br
W172 (a and b)	S	-CN	-H	-F
W173 (a and b)	S	-CN	-H	$-CH_3$
W174 (a and b)	S	-CN	-H	$-CF_3$
W175 (a and b)	S	-CN	-H	$-OCH_3$
W176 (a and b)	S	-CN	-H	$-OCH_2CH_3$
W177 (a and b)	S	-CN	-H	$-OCF_3$
W178 (a and b)	S	-CN	-H	*-tert*-butyl
W179 (a and b)	S	-CN	-H	*-iso*-propyl
W180 (a and b)	S	-Br	-Br	-H
W181 (a and b)	S	-Br	-Cl	-H
W182 (a and b)	S	-Br	-F	-H
W183 (a and b)	S	-Br	$-CH_3$	-H
W184 (a and b)	S	-Br	$-CF_3$	-H
W185 (a and b)	S	-Br	$-OCH_3$	-H
W186 (a and b)	S	-Br	$-OCH_2CH_3$	-H
W187 (a and b)	S	-Br	$-OCF_3$	-H
W188 (a and b)	S	-Br	*-tert*-butyl	-H
W189 (a and b)	S	-Br	*-iso*-propyl	-H
W190 (a and b)	S	-Br	$-CH_3$	$-CH_3$
W191 (a and b)	S	-Br	-H	-H
W192 (a and b)	S	-Br	-H	-Cl
W193 (a and b)	S	-Br	-H	-Br
W194 (a and b)	S	-Br	-H	-F
W195 (a and b)	S	-Br	-H	$-CH_3$
W196 (a and b)	S	-Br	-H	$-CF_3$
W197 (a and b)	S	-Br	-H	$-OCH_3$
W198 (a and b)	S	-Br	-H	$-OCH_2CH_3$
W199 (a and b)	S	-Br	-H	$-OCF_3$
W200 (a and b)	S	-Br	-H	*-tert*-butyl

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
W201 (a and b)	S	-Br	-H	-*iso*-propyl
W202 (a and b)	S	-I	-Cl	-H
W203 (a and b)	S	-I	-Br	-H
W204 (a and b)	S	-I	-F	-H
W205 (a and b)	S	-I	$-CH_3$	-H
W206 (a and b)	S	-I	$-CF_3$	-H
W207 (a and b)	S	-I	$-OCH_3$	-H
W208 (a and b)	S	-I	$-OCH_2CH_3$	-H
W209 (a and b)	S	-I	$-OCF_3$	-H
W210 (a and b)	S	-I	-*tert*-butyl	-H
W211 (a and b)	S	-I	-*iso*-propyl	-H
W212 (a and b)	S	-I	$-CH_3$	$-CH_3$
W213 (a and b)	S	-I	-H	-H
W214 (a and b)	S	-I	-H	-Cl
W215 (a and b)	S	-I	-H	-Br
W216 (a and b)	S	-I	-H	-F
W217 (a and b)	S	-I	-H	$-CH_3$
W218 (a and b)	S	-I	-H	$-CF_3$
W219 (a and b)	S	-I	-H	$-OCH_3$
W220 (a and b)	S	-I	-H	$-OCH_2CH_3$
W221 (a and b)	S	-I	-H	$-OCF_3$
W222 (a and b)	S	-I	-H	-*tert*-butyl
W223 (a and b)	S	-I	-H	-*iso*-propyl
W224 (a and b)	O	-H	-Cl	-H
W225 (a and b)	O	-H	-Br	-H
W226 (a and b)	O	-H	-F	-H
W227 (a and b)	O	-H	$-CH_3$	-H
W228 (a and b)	O	-H	$-CF_3$	-H
W229 (a and b)	O	-H	$-OCH_3$	-H
W230 (a and b)	O	-H	$-OCH_2CH_3$	-H
W231 (a and b)	O	-H	$-OCF_3$	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
W232 (a and b)	O	-H	-*tert*-butyl	-H
W233 (a and b)	O	-H	-*iso*-propyl	-H
W234 (a and b)	O	-H	$-CH_3$	$-CH_3$
W235 (a and b)	O	-H	-H	-H
W236 (a and b)	O	-H	-H	-Cl
W237 (a and b)	O	-H	-H	-Br
W238 (a and b)	O	-H	-H	-F
W239 (a and b)	O	-H	-H	$-CH_3$
W240 (a and b)	O	-H	-H	$-CF_3$
W241 (a and b)	O	-H	-H	$-OCH_3$
W242 (a and b)	O	-H	-H	$-OCH_2CH_3$
W243 (a and b)	O	-H	-H	$-OCF_3$
W244 (a and b)	O	-H	-H	-*tert*-butyl
W245 (a and b)	O	-H	-H	-*iso*-propyl
W246 (a and b)	O	-Cl	-Cl	-H
W247 (a and b)	O	-Cl	-Br	-H
W248 (a and b)	O	-Cl	-F	-H
W249 (a and b)	O	-Cl	$-CH_3$	-H
W250 (a and b)	O	-Cl	$-CF_3$	-H
W251 (a and b)	O	-Cl	$-OCH_3$	-H
W252 (a and b)	O	-Cl	$-OCH_2CH_3$	-H
W253 (a and b)	O	-Cl	$-OCF_3$	-H
W254 (a and b)	O	-Cl	-*tert*-butyl	-H
W255 (a and b)	O	-Cl	-*iso*-propyl	-H
W256 (a and b)	O	-Cl	$-CH_3$	$-CH_3$
W257 (a and b)	O	-Cl	-H	-H
W258 (a and b)	O	-Cl	-H	$-CH_3$
W259 (a and b)	O	-Cl	-H	-Cl
W260 (a and b)	O	-Cl	-H	-Br
W261 (a and b)	O	-Cl	-H	-F
W262 (a and b)	O	-Cl	-H	$-CF_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
W263 (a and b)	O	-Cl	-H	$-OCH_3$
W264 (a and b)	O	-Cl	-H	$-OCH_2CH_3$
W265 (a and b)	O	-Cl	-H	$-OCF_3$
W266 (a and b)	O	-Cl	-H	*-tert*-butyl
W267 (a and b)	O	-Cl	-H	*-iso*-propyl
W268 (a and b)	O	-Cl	-H	$-OCF_3$
W269 (a and b)	O	-Cl	-H	*-tert*-butyl
W270 (a and b)	O	-Cl	-H	*-iso*-propyl
W271 (a and b)	O	$-CH_3$	-Cl	-H
W272 (a and b)	O	$-CH_3$	-Br	-H
W273 (a and b)	O	$-CH_3$	-F	-H
W274 (a and b)	O	$-CH_3$	$-CH_3$	-H
W275 (a and b)	O	$-CH_3$	$-CF_3$	-H
W276 (a and b)	O	$-CH_3$	$-OCH_3$	-H
W277 (a and b)	O	$-CH_3$	$-OCH_2CH_3$	-H
W278 (a and b)	O	$-CH_3$	$-OCF_3$	-H
W279 (a and b)	O	$-CH_3$	*-tert*-butyl	-H
W280 (a and b)	O	$-CH_3$	*-iso*-propyl	-H
W281 (a and b)	O	$-CH_3$	$-CH_3$	$-CH_3$
W282 (a and b)	O	$-CH_3$	-H	-H
W283 (a and b)	O	$-CH_3$	-H	-Cl
W284 (a and b)	O	$-CH_3$	-H	-Br
W285 (a and b)	O	$-CH_3$	-H	-F
W286 (a and b)	O	$-CH_3$	-H	$-CH_3$
W287 (a and b)	O	$-CH_3$	-H	$-CF_3$
W288 (a and b)	O	$-CH_3$	-H	$-OCH_3$
W289 (a and b)	O	$-CH_3$	-H	$-OCH_2CH_3$
W290 (a and b)	O	$-CH_3$	-H	$-OCF_3$
W291 (a and b)	O	$-CH_3$	-H	*-tert*-butyl
W292 (a and b)	O	$-CH_3$	-H	*-iso*-propyl
W293 (a and b)	O	$-CF_3$	-Cl	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
W294 (a and b)	O	$-CF_3$	-Br	-H
W295 (a and b)	O	$-CF_3$	-F	-H
W296 (a and b)	O	$-CF_3$	$-CH_3$	-H
W297 (a and b)	O	$-CF_3$	$-CF_3$	-H
W298 (a and b)	O	$-CF_3$	$-OCH_3$	-H
W299 (a and b)	O	$-CF_3$	$-OCH_2CH_3$	-H
W300 (a and b)	O	$-CF_3$	$-OCF_3$	-H
W301 (a and b)	O	$-CF_3$	-*tert*-butyl	-H
W302 (a and b)	O	$-CF_3$	-*iso*-propyl	-H
W303 (a and b)	O	$-CF_3$	$-CH_3$	$-CH_3$
W304 (a and b)	O	$-CF_3$	-H	-H
W305 (a and b)	O	$-CF_3$	-H	-Cl
W306 (a and b)	O	$-CF_3$	-H	-Br
W307 (a and b)	O	$-CF_3$	-H	-F
W308 (a and b)	O	$-CF_3$	-H	$-CH_3$
W309 (a and b)	O	$-CF_3$	-H	$-CF_3$
W310 (a and b)	O	$-CF_3$	-H	$-OCH_3$
W311 (a and b)	O	$-CF_3$	-H	$-OCH_2CH_3$
W312 (a and b)	O	$-CF_3$	-H	$-OCF_3$
W313 (a and b)	O	$-CF_3$	-H	-*tert*-butyl
W314 (a and b)	O	$-CF_3$	-H	-*iso*-propyl
W315 (a and b)	O	$-CHF_2$	-Cl	-H
W316 (a and b)	O	$-CHF_2$	-Br	-H
W317 (a and b)	O	$-CHF_2$	-F	-H
W318 (a and b)	O	$-CHF_2$	$-CH_3$	-H
W319 (a and b)	O	$-CHF_2$	$-CF_3$	-H
W320 (a and b)	O	$-CHF_2$	$-OCH_3$	-H
W321 (a and b)	O	$-CHF_2$	$-OCH_2CH_3$	-H
W322 (a and b)	O	$-CHF_2$	$-OCF_3$	-H
W323 (a and b)	O	$-CHF_2$	-*tert*-butyl	-H
W324 (a and b)	O	$-CHF_2$	-*iso*-propyl	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
W325 (a and b)	O	$-CHF_2$	$-CH_3$	$-CH_3$
W326 (a and b)	O	$-CHF_2$	-H	-H
W327 (a and b)	O	$-CHF_2$	-H	-Cl
W328 (a and b)	O	$-CHF_2$	-H	-Br
W329 (a and b)	O	$-CHF_2$	-H	-F
W330 (a and b)	O	$-CHF_2$	-H	$-CH_3$
W331 (a and b)	O	$-CHF_2$	-H	$-CF_3$
W332 (a and b)	O	$-CHF_2$	-H	$-OCH_3$
W333 (a and b)	O	$-CHF_2$	-H	$-OCH_2CH_3$
W334 (a and b)	O	$-CHF_2$	-H	$-OCF_3$
W335 (a and b)	O	$-CHF_2$	-H	*-tert*-butyl
W336 (a and b)	O	$-CHF_2$	-H	*-iso*-propyl
W337 (a and b)	O	-OH	-Cl	-H
W338 (a and b)	O	-OH	-Br	-H
W339 (a and b)	O	-OH	-F	-H
W340 (a and b)	O	-OH	$-CH_3$	-H
W341 (a and b)	O	-OH	$-CF_3$	-H
W342 (a and b)	O	-OH	$-OCH_3$	-H
W343 (a and b)	O	-OH	$-OCH_2CH_3$	-H
W344 (a and b)	O	-OH	$-OCF_3$	-H
W345 (a and b)	O	-OH	*-tert*-butyl	-H
W346 (a and b)	O	-OH	*-iso*-propyl	-H
W347 (a and b)	O	-OH	$-CH_3$	$-CH_3$
W348 (a and b)	O	-OH	-H	-H
W349 (a and b)	O	-OH	-H	-Cl
W350 (a and b)	O	-OH	-H	-Br
W351 (a and b)	O	-OH	-H	-F
W352 (a and b)	O	-OH	-H	$-CH_3$
W353 (a and b)	O	-OH	-H	$-CF_3$
W354 (a and b)	O	-OH	-H	$-OCH_3$
W355 (a and b)	O	-OH	-H	$-OCH_2CH_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
W356 (a and b)	O	-OH	-H	$-OCF_3$
W357 (a and b)	O	-OH	-H	*-tert*-butyl
W358 (a and b)	O	-OH	-H	*-iso*-propyl
W359 (a and b)	O	$-NO_2$	-Cl	-H
W360 (a and b)	O	$-NO_2$	-Br	-H
W361 (a and b)	O	$-NO_2$	-F	-H
W362 (a and b)	O	$-NO_2$	$-CH_3$	-H
W363 (a and b)	O	$-NO_2$	$-CF_3$	-H
W364 (a and b)	O	$-NO_2$	$-OCH_3$	-H
W365 (a and b)	O	$-NO_2$	$-OCH_2CH_3$	-H
W366 (a and b)	O	$-NO_2$	$-OCF_3$	-H
W367 (a and b)	O	$-NO_2$	*-tert*-butyl	-H
W368 (a and b)	O	$-NO_2$	*-iso*-propyl	-H
W369 (a and b)	O	$-NO_2$	$-CH_3$	$-CH_3$
W370 (a and b)	O	$-NO_2$	-H	-H
W371 (a and b)	O	$-NO_2$	-H	-Cl
W372 (a and b)	O	$-NO_2$	-H	-Br
W373 (a and b)	O	$-NO_2$	-H	-F
W374 (a and b)	O	$-NO_2$	-H	$-CH_3$
W375 (a and b)	O	$-NO_2$	-H	$-CF_3$
W376 (a and b)	O	$-NO_2$	-H	$-OCH_3$
W377 (a and b)	O	$-NO_2$	-H	$-OCH_2CH_3$
W378 (a and b)	O	$-NO_2$	-H	$-OCF_3$
W379 (a and b)	O	$-NO_2$	-H	*-tert*-butyl
W380 (a and b)	O	$-NO_2$	-H	*-iso*-propyl
W381 (a and b)	O	-CN	-Br	-H
W382 (a and b)	O	-CN	-Cl	-H
W383 (a and b)	O	-CN	-F	-H
W384 (a and b)	O	-CN	$-CH_3$	-H
W385 (a and b)	O	-CN	$-CF_3$	-H
W386 (a and b)	O	-CN	$-OCH_3$	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
W387 (a and b)	O	-CN	$-OCH_2CH_3$	-H
W388 (a and b)	O	-CN	$-OCF_3$	-H
W389 (a and b)	O	-CN	*-tert*-butyl	-H
W390 (a and b)	O	-CN	*-iso*-propyl	-H
W391 (a and b)	O	-CN	$-CH_3$	$-CH_3$
W392 (a and b)	O	-CN	-H	-H
W393 (a and b)	O	-CN	-H	-Cl
W394 (a and b)	O	-CN	-H	-Br
W395 (a and b)	O	-CN	-H	-F
W396 (a and b)	O	-CN	-H	$-CH_3$
W397 (a and b)	O	-CN	-H	$-CF_3$
W398 (a and b)	O	-CN	-H	$-OCH_3$
W399 (a and b)	O	-CN	-H	$-OCH_2CH_3$
W400 (a and b)	O	-CN	-H	$-OCF_3$
W401 (a and b)	O	-CN	-H	*-tert*-butyl
W402 (a and b)	O	-CN	-H	*-iso*-propyl
W403 (a and b)	O	-Br	-Br	-H
W404 (a and b)	O	-Br	-Cl	-H
W405 (a and b)	O	-Br	-F	-H
W406 (a and b)	O	-Br	$-CH_3$	-H
W407 (a and b)	O	-Br	$-CF_3$	-H
W408 (a and b)	O	-Br	$-OCH_3$	-H
W409 (a and b)	O	-Br	$-OCH_2CH_3$	-H
W410 (a and b)	O	-Br	$-OCF_3$	-H
W411 (a and b)	O	-Br	*-tert*-butyl	-H
W412 (a and b)	O	-Br	*-iso*-propyl	-H
W413 (a and b)	O	-Br	$-CH_3$	$-CH_3$
W414 (a and b)	O	-Br	-H	-H
W415 (a and b)	O	-Br	-H	-Cl
W416 (a and b)	O	-Br	-H	-Br
W417 (a and b)	O	-Br	-H	-F

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
W418 (a and b)	O	-Br	-H	$-CH_3$
W419 (a and b)	O	-Br	-H	$-CF_3$
W420 (a and b)	O	-Br	-H	$-OCH_3$
W421 (a and b)	O	-Br	-H	$-OCH_2CH_3$
W422 (a and b)	O	-Br	-H	$-OCF_3$
W423 (a and b)	O	-Br	-H	*-tert*-butyl
W424 (a and b)	O	-Br	-H	*-iso*-propyl
W425 (a and b)	O	-I	-Cl	-H
W426 (a and b)	O	-I	-Br	-H
W427 (a and b)	O	-I	-F	-H
W428 (a and b)	O	-I	$-CH_3$	-H
W429 (a and b)	O	-I	$-CF_3$	-H
W430 (a and b)	O	-I	$-OCH_3$	-H
W431 (a and b)	O	-I	$-OCH_2CH_3$	-H
W432 (a and b)	O	-I	$-OCF_3$	-H
W433 (a and b)	O	-I	*-tert*-butyl	-H
W434 (a and b)	O	-I	*-iso*-propyl	-H
W435 (a and b)	O	-I	$-CH_3$	$-CH_3$
W436 (a and b)	O	-I	-H	-H
W437 (a and b)	O	-I	-H	-Cl
W438 (a and b)	O	-I	-H	-Br
W439 (a and b)	O	-I	-H	-F
W440 (a and b)	O	-I	-H	$-CH_3$
W441 (a and b)	O	-I	-H	$-CF_3$
W442 (a and b)	O	-I	-H	$-OCH_3$
W443 (a and b)	O	-I	-H	$-OCH_2CH_3$
W444 (a and b)	O	-I	-H	$-OCF_3$
W445 (a and b)	O	-I	-H	*-tert*-butyl
W446 (a and b)	O	-I	-H	*-iso*-propyl
W447 (a and b)	NH	-H	-Cl	-H
W448 (a and b)	NH	-H	-Br	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
W449 (a and b)	NH	-H	-F	-H
W450 (a and b)	NH	-H	$-CH_3$	-H
W451 (a and b)	NH	-H	$-CF_3$	-H
W452 (a and b)	NH	-H	$-OCH_3$	-H
W453 (a and b)	NH	-H	$-OCH_2CH_3$	-H
W454 (a and b)	NH	-H	$-OCF_3$	-H
W455 (a and b)	NH	-H	*-tert*-butyl	-H
W456 (a and b)	NH	-H	*-iso*-propyl	-H
W457 (a and b)	NH	-H	$-CH_3$	$-CH_3$
W458 (a and b)	NH	-H	-H	-H
W459 (a and b)	NH	-H	-H	-Cl
W460 (a and b)	NH	-H	-H	-Br
W461 (a and b)	NH	-H	-H	-F
W462 (a and b)	NH	-H	-H	$-CH_3$
W463 (a and b)	NH	-H	-H	$-CF_3$
W464 (a and b)	NH	-H	-H	$-OCH_3$
W465 (a and b)	NH	-H	-H	$-OCH_2CH_3$
W466 (a and b)	NH	-H	-H	$-OCF_3$
W467 (a and b)	NH	-H	-H	*-tert*-butyl
W468 (a and b)	NH	-H	-H	*-iso*-propyl
W469 (a and b)	NH	-Cl	-Cl	-H
W470 (a and b)	NH	-Cl	-Br	-H
W471 (a and b)	NH	-Cl	-F	-H
W472 (a and b)	NH	-Cl	$-CH_3$	-H
W473 (a and b)	NH	-Cl	$-CF_3$	-H
W474 (a and b)	NH	-Cl	$-OCH_3$	-H
W475 (a and b)	NH	-Cl	$-OCH_2CH_3$	-H
W476 (a and b)	NH	-Cl	$-OCF_3$	-H
W477 (a and b)	NH	-Cl	*-tert*-butyl	-H
W478 (a and b)	NH	-Cl	*-iso*-propyl	-H
W479 (a and b)	NH	-Cl	$-CH_3$	$-CH_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
W480 (a and b)	NH	-Cl	-H	-H
W481 (a and b)	NH	-Cl	-H	$-CH_3$
W482 (a and b)	NH	-Cl	-H	-Cl
W483 (a and b)	NH	-Cl	-H	-Br
W484 (a and b)	NH	-Cl	-H	-F
W485 (a and b)	NH	-Cl	-H	$-CF_3$
W486 (a and b)	NH	-Cl	-H	$-OCH_3$
W487 (a and b)	NH	-Cl	-H	$-OCH_2CH_3$
W488 (a and b)	NH	-Cl	-H	$-OCF_3$
W489 (a and b)	NH	-Cl	-H	-*tert*-butyl
W490 (a and b)	NH	-Cl	-H	-*iso*-propyl
W491 (a and b)	NH	-Cl	-H	$-OCF_3$
W492 (a and b)	NH	-Cl	-H	-*tert*-butyl
W493 (a and b)	NH	-Cl	-H	-*iso*-propyl
W494 (a and b)	NH	$-CH_3$	-Cl	-H
W495 (a and b)	NH	$-CH_3$	-Br	-H
W496 (a and b)	NH	$-CH_3$	-F	-H
W497 (a and b)	NH	$-CH_3$	$-CH_3$	-H
W498 (a and b)	NH	$-CH_3$	$-CF_3$	-H
W499 (a and b)	NH	$-CH_3$	$-OCH_3$	-H
W500 (a and b)	NH	$-CH_3$	$-OCH_2CH_3$	-H
W501 (a and b)	NH	$-CH_3$	$-OCF_3$	-H
W502 (a and b)	NH	$-CH_3$	-*tert*-butyl	-H
W503 (a and b)	NH	$-CH_3$	-*iso*-propyl	-H
W504 (a and b)	NH	$-CH_3$	$-CH_3$	$-CH_3$
W505 (a and b)	NH	$-CH_3$	-H	-H
W506 (a and b)	NH	$-CH_3$	-H	-Cl
W507 (a and b)	NH	$-CH_3$	-H	-Br
W508 (a and b)	NH	$-CH_3$	-H	-F
W509 (a and b)	NH	$-CH_3$	-H	$-CH_3$
W510 (a and b)	NH	$-CH_3$	-H	$-CF_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
W511 (a and b)	NH	$-CH_3$	-H	$-OCH_3$
W512 (a and b)	NH	$-CH_3$	-H	$-OCH_2CH_3$
W513 (a and b)	NH	$-CH_3$	-H	$-OCF_3$
W514 (a and b)	NH	$-CH_3$	-H	-*tert*-butyl
W515 (a and b)	NH	$-CH_3$	-H	-*iso*-propyl
W516 (a and b)	NH	$-CF_3$	-Cl	-H
W517 (a and b)	NH	$-CF_3$	-Br	-H
W518 (a and b)	NH	$-CF_3$	-F	-H
W519 (a and b)	NH	$-CF_3$	$-CH_3$	-H
W520 (a and b)	NH	$-CF_3$	$-CF_3$	-H
W521 (a and b)	NH	$-CF_3$	$-OCH_3$	-H
W522 (a and b)	NH	$-CF_3$	$-OCH_2CH_3$	-H
W523 (a and b)	NH	$-CF_3$	$-OCF_3$	-H
W524 (a and b)	NH	$-CF_3$	-*tert*-butyl	-H
W525 (a and b)	NH	$-CF_3$	-*iso*-propyl	-H
W526 (a and b)	NH	$-CF_3$	$-CH_3$	$-CH_3$
W527 (a and b)	NH	$-CF_3$	-H	-H
W528 (a and b)	NH	$-CF_3$	-H	-Cl
W529 (a and b)	NH	$-CF_3$	-H	-Br
W530 (a and b)	NH	$-CF_3$	-H	-F
W531 (a and b)	NH	$-CF_3$	-H	$-CH_3$
W532 (a and b)	NH	$-CF_3$	-H	$-CF_3$
W533 (a and b)	NH	$-CF_3$	-H	$-OCH_3$
W534 (a and b)	NH	$-CF_3$	-H	$-OCH_2CH_3$
W535 (a and b)	NH	$-CF_3$	-H	$-OCF_3$
W536 (a and b)	NH	$-CF_3$	-H	-*tert*-butyl
W537 (a and b)	NH	$-CF_3$	-H	-*iso*-propyl
W538 (a and b)	NH	$-CHF_2$	-Cl	-H
W539 (a and b)	NH	$-CHF_2$	-Br	-H
W540 (a and b)	NH	$-CHF_2$	-F	-H
W541 (a and b)	NH	$-CHF_2$	$-CH_3$	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
W542 (a and b)	NH	$-CHF_2$	$-CF_3$	-H
W543 (a and b)	NH	$-CHF_2$	$-OCH_3$	-H
W544 (a and b)	NH	$-CHF_2$	$-OCH_2CH_3$	-H
W545 (a and b)	NH	$-CHF_2$	$-OCF_3$	-H
W546 (a and b)	NH	$-CHF_2$	*-tert*-butyl	-H
W547 (a and b)	NH	$-CHF_2$	*-iso*-propyl	-H
W548 (a and b)	NH	$-CHF_2$	$-CH_3$	$-CH_3$
W549 (a and b)	NH	$-CHF_2$	-H	-H
W550 (a and b)	NH	$-CHF_2$	-H	-Cl
W551 (a and b)	NH	$-CHF_2$	-H	-Br
W552 (a and b)	NH	$-CHF_2$	-H	-F
W553 (a and b)	NH	$-CHF_2$	-H	$-CH_3$
W554 (a and b)	NH	$-CHF_2$	-H	$-CF_3$
W555 (a and b)	NH	$-CHF_2$	-H	$-OCH_3$
W556 (a and b)	NH	$-CHF_2$	-H	$-OCH_2CH_3$
W557 (a and b)	NH	$-CHF_2$	-H	$-OCF_3$
W558 (a and b)	NH	$-CHF_2$	-H	*-tert*-butyl
W559 (a and b)	NH	$-CHF_2$	-H	*-iso*-propyl
W560 (a and b)	NH	-OH	-Cl	-H
W561 (a and b)	NH	-OH	-Br	-H
W562 (a and b)	NH	-OH	-F	-H
W563 (a and b)	NH	-OH	$-CH_3$	-H
W564 (a and b)	NH	-OH	$-CF_3$	-H
W565 (a and b)	NH	-OH	$-OCH_3$	-H
W566 (a and b)	NH	-OH	$-OCH_2CH_3$	-H
W567 (a and b)	NH	-OH	$-OCF_3$	-H
W568 (a and b)	NH	-OH	*-tert*-butyl	-H
W569 (a and b)	NH	-OH	*-iso*-propyl	-H
W570 (a and b)	NH	-OH	$-CH_3$	$-CH_3$
W571 (a and b)	NH	-OH	-H	-H
W572 (a and b)	NH	-OH	-H	-Cl

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
W573 (a and b)	NH	-OH	-H	-Br
W574 (a and b)	NH	-OH	-H	-F
W575 (a and b)	NH	-OH	-H	$-CH_3$
W576 (a and b)	NH	-OH	-H	$-CF_3$
W577 (a and b)	NH	-OH	-H	$-OCH_3$
W578 (a and b)	NH	-OH	-H	$-OCH_2CH_3$
W579 (a and b)	NH	-OH	-H	$-OCF_3$
W580 (a and b)	NH	-OH	-H	-*tert*-butyl
W581 (a and b)	NH	-OH	-H	-*iso*-propyl
W582 (a and b)	NH	$-NO_2$	-Cl	-H
W583 (a and b)	NH	$-NO_2$	-Br	-H
W584 (a and b)	NH	$-NO_2$	-F	-H
W585 (a and b)	NH	$-NO_2$	$-CH_3$	-H
W586 (a and b)	NH	$-NO_2$	$-CF_3$	-H
W587 (a and b)	NH	$-NO_2$	$-OCH_3$	-H
W588 (a and b)	NH	$-NO_2$	$-OCH_2CH_3$	-H
W589 (a and b)	NH	$-NO_2$	$-OCF_3$	-H
W590 (a and b)	NH	$-NO_2$	-*tert*-butyl	-H
W591 (a and b)	NH	$-NO_2$	-*iso*-propyl	-H
W592 (a and b)	NH	$-NO_2$	$-CH_3$	$-CH_3$
W593 (a and b)	NH	$-NO_2$	-H	-H
W594 (a and b)	NH	$-NO_2$	-H	-Cl
W595 (a and b)	NH	$-NO_2$	-H	-Br
W596 (a and b)	NH	$-NO_2$	-H	-F
W597 (a and b)	NH	$-NO_2$	-H	$-CH_3$
W598 (a and b)	NH	$-NO_2$	-H	$-CF_3$
W599 (a and b)	NH	$-NO_2$	-H	$-OCH_3$
W600 (a and b)	NH	$-NO_2$	-H	$-OCH_2CH_3$
W601 (a and b)	NH	$-NO_2$	-H	$-OCF_3$
W602 (a and b)	NH	$-NO_2$	-H	-*tert*-butyl
W603 (a and b)	NH	$-NO_2$	-H	-*iso*-propyl

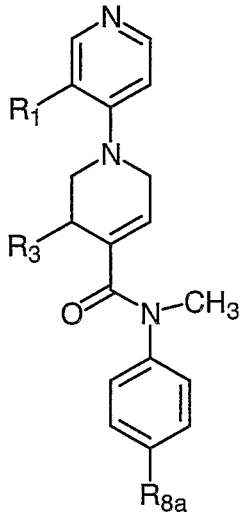
Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
W604 (a and b)	NH	-CN	-Br	-H
W605 (a and b)	NH	-CN	-Cl	-H
W606 (a and b)	NH	-CN	-F	-H
W607 (a and b)	NH	-CN	$-CH_3$	-H
W608 (a and b)	NH	-CN	$-CF_3$	-H
W609 (a and b)	NH	-CN	$-OCH_3$	-H
W610 (a and b)	NH	-CN	$-OCH_2CH_3$	-H
W611 (a and b)	NH	-CN	$-OCF_3$	-H
W612 (a and b)	NH	-CN	*-tert*-butyl	-H
W613 (a and b)	NH	-CN	*-iso*-propyl	-H
W614 (a and b)	NH	-CN	$-CH_3$	$-CH_3$
W615 (a and b)	NH	-CN	-H	-H
W616 (a and b)	NH	-CN	-H	-Cl
W617 (a and b)	NH	-CN	-H	-Br
W618 (a and b)	NH	-CN	-H	-F
W619 (a and b)	NH	-CN	-H	$-CH_3$
W620 (a and b)	NH	-CN	-H	$-CF_3$
W621 (a and b)	NH	-CN	-H	$-OCH_3$
W622 (a and b)	NH	-CN	-H	$-OCH_2CH_3$
W623 (a and b)	NH	-CN	-H	$-OCF_3$
W624 (a and b)	NH	-CN	-H	*-tert*-butyl
W625 (a and b)	NH	-CN	-H	*-iso*-propyl
W626 (a and b)	NH	-Br	-Br	-H
W627 (a and b)	NH	-Br	-Cl	-H
W628 (a and b)	NH	-Br	-F	-H
W629 (a and b)	NH	-Br	$-CH_3$	-H
W630 (a and b)	NH	-Br	$-CF_3$	-H
W631 (a and b)	NH	-Br	$-OCH_3$	-H
W632 (a and b)	NH	-Br	$-OCH_2CH_3$	-H
W633 (a and b)	NH	-Br	$-OCF_3$	-H
W634 (a and b)	NH	-Br	*-tert*-butyl	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
W635 (a and b)	NH	-Br	-*iso*-propyl	-H
W636 (a and b)	NH	-Br	$-CH_3$	$-CH_3$
W637 (a and b)	NH	-Br	-H	-H
W638 (a and b)	NH	-Br	-H	-Cl
W639 (a and b)	NH	-Br	-H	-Br
W640 (a and b)	NH	-Br	-H	-F
W641 (a and b)	NH	-Br	-H	$-CH_3$
W642 (a and b)	NH	-Br	-H	$-CF_3$
W643 (a and b)	NH	-Br	-H	$-OCH_3$
W644 (a and b)	NH	-Br	-H	$-OCH_2CH_3$
W645 (a and b)	NH	-Br	-H	$-OCF_3$
W646 (a and b)	NH	-Br	-H	-*tert*-butyl
W647 (a and b)	NH	-Br	-H	-*iso*-propyl
W648 (a and b)	NH	-I	-Cl	-H
W649 (a and b)	NH	-I	-Br	-H
W650 (a and b)	NH	-I	-F	-H
W651 (a and b)	NH	-I	$-CH_3$	-H
W652 (a and b)	NH	-I	$-CF_3$	-H
W653 (a and b)	NH	-I	$-OCH_3$	-H
W654 (a and b)	NH	-I	$-OCH_2CH_3$	-H
W655 (a and b)	NH	-I	$-OCF_3$	-H
W656 (a and b)	NH	-I	-*tert*-butyl	-H
W657 (a and b)	NH	-I	-*iso*-propyl	-H
W658 (a and b)	NH	-I	$-CH_3$	$-CH_3$
W659 (a and b)	NH	-I	-H	-H
W660 (a and b)	NH	-I	-H	-Cl
W661 (a and b)	NH	-I	-H	-Br
W662 (a and b)	NH	-I	-H	-F
W663 (a and b)	NH	-I	-H	$-CH_3$
W664 (a and b)	NH	-I	-H	$-CF_3$
W665 (a and b)	NH	-I	-H	$-OCH_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
W666 (a and b)	NH	-I	-H	$-OCH_2CH_3$
W667 (a and b)	NH	-I	-H	$-OCF_3$
W668 (a and b)	NH	-I	-H	*-tert*-butyl
W669 (a and b)	NH	-I	-H	*-iso*-propyl

(a) means that R_3 is -H.
(b) means that R_3 is $-CH_3$.

Table 24



(Ix)

and pharmaceutically acceptable salts thereof, wherein:

Compound	R_1	R_{8a}
X1 (a and b)	-H	-H
X2 (a and b)	-H	-*tert*-butyl
X3 (a and b)	-H	-*iso*-butyl
X4 (a and b)	-H	-*sec*-butyl
X5 (a and b)	-H	-*iso*-propyl
X6 (a and b)	-H	-n-propyl
X7 (a and b)	-H	-cyclohexyl
X8 (a and b)	-H	-*tert*-butoxy
X9 (a and b)	-H	-isopropoxy
X10 (a and b)	-H	$-CF_3$
X11 (a and b)	-H	$-CH_2CF_3$
X12 (a and b)	-H	$-OCF_3$
X13 (a and b)	-H	-Cl
X14 (a and b)	-H	-Br
X15 (a and b)	-H	-I

Compound	R_1	R_{8a}
X16 (a and b)	-H	-n-butyl
X17 (a and b)	-H	$-CH_3$
X18 (a and b)	-H	$-SCF_3$
X19 (a and b)	-H	$-N(CH_2CH_3)_2$
X20 (a and b)	-H	$-OCF_2CHF_2$
X21 (a and b)	-H	$-C(OH)(CF_3)_2$
X22 (a and b)	-H	-(1,1-dimethyl-pentyl)
X23 (a and b)	-H	-(1,1-dimethyl-acetic acid) ethyl ester
X24 (a and b)	-H	-*N*-piperidinyl
X25 (a and b)	-Cl	-H
X26 (a and b)	-Cl	-*tert*-butyl
X27 (a and b)	-Cl	-*iso*-butyl
X28 (a and b)	-Cl	-*sec*-butyl
X29 (a and b)	-Cl	-*iso*-propyl
X30 (a and b)	-Cl	-n-propyl
X31 (a and b)	-Cl	-cyclohexyl
X32 (a and b)	-Cl	-*tert*-butoxy
X33 (a and b)	-Cl	-isopropoxy
X34 (a and b)	-Cl	$-CF_3$
X35 (a and b)	-Cl	$-CH_2CF_3$
X36 (a and b)	-Cl	$-OCF_3$
X37 (a and b)	-Cl	-Cl
X38 (a and b)	-Cl	-Br
X39 (a and b)	-Cl	-I
X40 (a and b)	-Cl	-n-butyl
X41 (a and b)	-Cl	$-CH_3$
X42 (a and b)	-Cl	$-SCF_3$
X43 (a and b)	-Cl	$-N(CH_2CH_3)_2$
X44 (a and b)	-Cl	$-OCF_2CHF_2$
X45 (a and b)	-Cl	$-C(OH)(CF_3)_2$

Compound	R_1	R_{8a}
X46 (a and b)	-Cl	-(1,1-dimethyl-pentyl)
X47 (a and b)	-Cl	-(1,1-dimethyl-acetic acid) ethyl ester
X48 (a and b)	-Cl	-*N*-piperidinyl
X49 (a and b)	-F	-H
X50 (a and b)	-F	-*tert*-butyl
X51 (a and b)	-F	-*iso*-butyl
X52 (a and b)	-F	-*sec*-butyl
X53 (a and b)	-F	-*iso*-propyl
X54 (a and b)	-F	-n-propyl
X55 (a and b)	-F	-cyclohexyl
X56 (a and b)	-F	-*tert*-butoxy
X57 (a and b)	-F	-isopropoxy
X58 (a and b)	-F	$-CF_3$
X59 (a and b)	-F	$-CH_2CF_3$
X60 (a and b)	-F	$-OCF_3$
X61 (a and b)	-F	-Cl
X62 (a and b)	-F	-Br
X63 (a and b)	-F	-I
X64 (a and b)	-F	-n-butyl
X65 (a and b)	-F	$-CH_3$
X66 (a and b)	-F	$-SCF_3$
X67 (a and b)	-F	$-N(CH_2CH_3)_2$
X68 (a and b)	-F	$-OCF_2CHF_2$
X69 (a and b)	-F	$-C(OH)(CF_3)_2$
X70 (a and b)	-F	-(1,1-dimethyl-pentyl)
X71 (a and b)	-F	-(1,1-dimethyl-acetic acid) ethyl ester
X72 (a and b)	-F	-*N*-piperidinyl
X73 (a and b)	$-CH_3$	-H
X74 (a and b)	$-CH_3$	-*iso*-butyl
X75 (a and b)	$-CH_3$	-*tert*-butyl

Compound	R_1	R_{8a}
X76 (a and b)	$-CH_3$	-*sec*-butyl
X77 (a and b)	$-CH_3$	-*iso*-propyl
X78 (a and b)	$-CH_3$	-n-propyl
X79 (a and b)	$-CH_3$	-cyclohexyl
X80 (a and b)	$-CH_3$	-*tert*-butoxy
X81 (a and b)	$-CH_3$	-isopropoxy
X82 (a and b)	$-CH_3$	$-CF_3$
X83 (a and b)	$-CH_3$	$-CH_2CF_3$
X84 (a and b)	$-CH_3$	$-OCF_3$
X85 (a and b)	$-CH_3$	-Cl
X86 (a and b)	$-CH_3$	-Br
X87 (a and b)	$-CH_3$	-I
X88 (a and b)	$-CH_3$	-n-butyl
X89 (a and b)	$-CH_3$	$-CH_3$
X90 (a and b)	$-CH_3$	$-SCF_3$
X91 (a and b)	$-CH_3$	$-N(CH_2CH_3)_2$
X92 (a and b)	$-CH_3$	$-OCF_2CHF_2$
X93 (a and b)	$-CH_3$	$-C(OH)(CF_3)_2$
X94 (a and b)	$-CH_3$	-(1,1-dimethyl-pentyl)
X95 (a and b)	$-CH_3$	-(1,1-dimethyl-acetic acid) ethyl ester
X96 (a and b)	$-CH_3$	-*N*-piperidinyl
X97 (a and b)	$-CF_3$	-H
X98 (a and b)	$-CF_3$	-*tert*-butyl
X99 (a and b)	$-CF_3$	-*iso*-butyl
X100 (a and b)	$-CF_3$	-*sec*-butyl
X101 (a and b)	$-CF_3$	-*iso*-propyl
X102 (a and b)	$-CF_3$	-n-propyl
X103 (a and b)	$-CF_3$	-cyclohexyl
X104 (a and b)	$-CF_3$	-*tert*-butoxy
X105 (a and b)	$-CF_3$	-isopropoxy

Compound	R_1	R_{8a}
X106 (a and b)	$-CF_3$	$-CF_3$
X107 (a and b)	$-CF_3$	$-CH_2CF_3$
X108 (a and b)	$-CF_3$	$-OCF_3$
X109 (a and b)	$-CF_3$	-Cl
X110 (a and b)	$-CF_3$	-Br
X111 (a and b)	$-CF_3$	-I
X112 (a and b)	$-CF_3$	-n-butyl
X113 (a and b)	$-CF_3$	$-CH_3$
X114 (a and b)	$-CF_3$	$-SCF_3$
X115 (a and b)	$-CF_3$	$-N(CH_2CH_3)_2$
X116 (a and b)	$-CF_3$	$-OCF_2CHF_2$
X117 (a and b)	$-CF_3$	$-C(OH)(CF_3)_2$
X118 (a and b)	$-CF_3$	-(1,1-dimethyl-pentyl)
X119 (a and b)	$-CF_3$	-(1,1-dimethyl-acetic acid) ethyl ester
X120 (a and b)	$-CF_3$	-*N*-piperidinyl
X121 (a and b)	$-CHF_2$	-*tert*-butyl
X122 (a and b)	$-CHF_2$	-H
X123 (a and b)	$-CHF_2$	-*iso*-butyl
X124 (a and b)	$-CHF_2$	-*sec*-butyl
X125 (a and b)	$-CHF_2$	-*iso*-propyl
X126 (a and b)	$-CHF_2$	-n-propyl
X127 (a and b)	$-CHF_2$	-cyclohexyl
X128 (a and b)	$-CHF_2$	-*tert*-butoxy
X129 (a and b)	$-CHF_2$	-isopropoxy
X130 (a and b)	$-CHF_2$	$-CF_3$
X131 (a and b)	$-CHF_2$	$-CH_2CF_3$
X132 (a and b)	$-CHF_2$	$-OCF_3$
X133 (a and b)	$-CHF_2$	-Cl
X134 (a and b)	$-CHF_2$	-Br
X135 (a and b)	$-CHF_2$	-I

Compound	R_1	R_{8a}
X136 (a and b)	$-CHF_2$	-n-butyl
X137 (a and b)	$-CHF_2$	$-CH_3$
X138 (a and b)	$-CHF_2$	$-SCF_3$
X139 (a and b)	$-CHF_2$	$-N(CH_2CH_3)_2$
X140 (a and b)	$-CHF_2$	$-OCF_2CHF_2$
X141 (a and b)	$-CHF_2$	$-C(OH)(CF_3)_2$
X142 (a and b)	$-CHF_2$	-(1,1-dimethyl-pentyl)
X143 (a and b)	$-CHF_2$	-(1,1-dimethyl-acetic acid) ethyl ester
X144 (a and b)	$-CHF_2$	-*N*-piperidinyl
X145 (a and b)	-OH	-H
X146 (a and b)	-OH	-*tert*-butyl
X147 (a and b)	-OH	-*iso*-butyl
X148 (a and b)	-OH	-*sec*-butyl
X149 (a and b)	-OH	-*iso*-propyl
X150 (a and b)	-OH	-n-propyl
X151 (a and b)	-OH	-cyclohexyl
X152 (a and b)	-OH	-*tert*-butoxy
X153 (a and b)	-OH	-isopropoxy
X154 (a and b)	-OH	$-CF_3$
X155 (a and b)	-OH	$-CH_2CF_3$
X156 (a and b)	-OH	$-OCF_3$
X157 (a and b)	-OH	-Cl
X158 (a and b)	-OH	-Br
X159 (a and b)	-OH	-I
X160 (a and b)	-OH	-n-butyl
X161 (a and b)	-OH	$-CH_3$
X162 (a and b)	-OH	$-SCF_3$
X163 (a and b)	-OH	$-N(CH_2CH_3)_2$
X164 (a and b)	-OH	$-OCF_2CHF_2$
X165 (a and b)	-OH	$-C(OH)(CF_3)_2$

Compound	R_1	R_{8a}
X166 (a and b)	-OH	-(1,1-dimethyl-pentyl)
X167 (a and b)	-OH	-(1,1-dimethyl-acetic acid) ethyl ester
X168 (a and b)	-OH	-*N*-piperidinyl
X169 (a and b)	$-NO_2$	-H
X170 (a and b)	$-NO_2$	-*tert*-butyl
X171 (a and b)	$-NO_2$	-*iso*-butyl
X172 (a and b)	$-NO_2$	-*sec*-butyl
X173 (a and b)	$-NO_2$	-*iso*-propyl
X174 (a and b)	$-NO_2$	-n-propyl
X175 (a and b)	$-NO_2$	-cyclohexyl
X176 (a and b)	$-NO_2$	-*tert*-butoxy
X177 (a and b)	$-NO_2$	-isopropoxy
X178 (a and b)	$-NO_2$	$-CF_3$
X179 (a and b)	$-NO_2$	$-CH_2CF_3$
X180 (a and b)	$-NO_2$	$-OCF_3$
X181 (a and b)	$-NO_2$	-Cl
X182 (a and b)	$-NO_2$	-Br
X183 (a and b)	$-NO_2$	-I
X184 (a and b)	$-NO_2$	-n-butyl
X185 (a and b)	$-NO_2$	$-CH_3$
X186 (a and b)	$-NO_2$	$-SCF_3$
X187 (a and b)	$-NO_2$	$-N(CH_2CH_3)_2$
X188 (a and b)	$-NO_2$	$-OCF_2CHF_2$
X189 (a and b)	$-NO_2$	$-C(OH)(CF_3)_2$
X190 (a and b)	$-NO_2$	-(1,1-dimethyl-pentyl)
X191 (a and b)	$-NO_2$	-(1,1-dimethyl-acetic acid) ethyl ester
X192 (a and b)	$-NO_2$	-*N*-piperidinyl
X193 (a and b)	-CN	-H
X194 (a and b)	-CN	-*tert*-butyl
X195 (a and b)	-CN	-*iso*-butyl

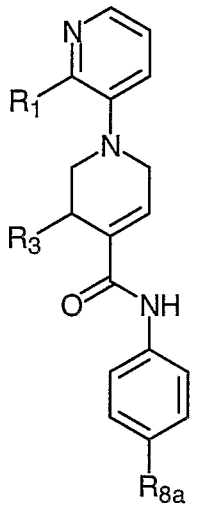
Compound	R_1	R_{8a}
X196 (a and b)	-CN	-*sec*-butyl
X197 (a and b)	-CN	-*iso*-propyl
X198 (a and b)	-CN	-n-propyl
X199 (a and b)	-CN	-cyclohexyl
X200 (a and b)	-CN	-*tert*-butoxy
X201 (a and b)	-CN	-isopropoxy
X202 (a and b)	-CN	$-CF_3$
X203 (a and b)	-CN	$-CH_2CF_3$
X204 (a and b)	-CN	$-OCF_3$
X205 (a and b)	-CN	-Cl
X206 (a and b)	-CN	-Br
X207 (a and b)	-CN	-I
X208 (a and b)	-CN	-n-butyl
X209 (a and b)	-CN	$-CH_3$
X210 (a and b)	-CN	$-SCF_3$
X211 (a and b)	-CN	$-N(CH_2CH_3)_2$
X212 (a and b)	-CN	$-OCF_2CHF_2$
X213 (a and b)	-CN	$-C(OH)(CF_3)_2$
X214 (a and b)	-CN	-(1,1-dimethyl-pentyl)
X215 (a and b)	-CN	-(1,1-dimethyl-acetic acid) ethyl ester
X216 (a and b)	-CN	-*N*-piperidinyl
X217 (a and b)	-Br	-H
X218 (a and b)	-Br	-*tert*-butyl
X219 (a and b)	-Br	-*iso*-butyl
X220 (a and b)	-Br	-*sec*-butyl
X221 (a and b)	-Br	-*iso*-propyl
X222 (a and b)	-Br	-n-propyl
X223 (a and b)	-Br	-cyclohexyl
X224 (a and b)	-Br	-*tert*-butoxy
X225 (a and b)	-Br	-isopropoxy

Compound	R_1	R_{8a}
X226 (a and b)	-Br	$-CF_3$
X227 (a and b)	-Br	$-CH_2CF_3$
X228 (a and b)	-Br	$-OCF_3$
X229 (a and b)	-Br	-Cl
X230 (a and b)	-Br	-Br
X231 (a and b)	-Br	-I
X232 (a and b)	-Br	-n-butyl
X233 (a and b)	-Br	$-CH_3$
X234 (a and b)	-Br	$-SCF_3$
X235 (a and b)	-Br	$-N(CH_2CH_3)_2$
X236 (a and b)	-Br	$-OCF_2CHF_2$
X237 (a and b)	-Br	$-C(OH)(CF_3)_2$
X238 (a and b)	-Br	-(1,1-dimethyl-pentyl)
X239 (a and b)	-Br	-(1,1-dimethyl-acetic acid) ethyl ester
X240 (a and b)	-Br	-*N*-piperidinyl
X241 (a and b)	-I	-*tert*-butyl
X242 (a and b)	-I	-H
X243 (a and b)	-I	-*iso*-butyl
X244 (a and b)	-I	-*sec*-butyl
X245 (a and b)	-I	-*iso*-propyl
X246 (a and b)	-I	-n-propyl
X247 (a and b)	-I	-cyclohexyl
X248 (a and b)	-I	-*tert*-butoxy
X249 (a and b)	-I	-isopropoxy
X250 (a and b)	-I	$-CF_3$
X251 (a and b)	-I	$-CH_2CF_3$
X252 (a and b)	-I	$-OCF_3$
X253 (a and b)	-I	-Cl
X254 (a and b)	-I	-Br
X255 (a and b)	-I	-I

Compound	R_1	R_{8a}
X256 (a and b)	-I	-n-butyl
X257 (a and b)	-I	$-CH_3$
X258 (a and b)	-I	$-SCF_3$
X259 (a and b)	-I	$-N(CH_2CH_3)_2$
X260 (a and b)	-I	$-OCF_2CHF_2$
X261 (a and b)	-I	$-C(OH)(CF_3)_2$
X262 (a and b)	-I	-(1,1-dimethyl-pentyl)
X263 (a and b)	-I	-(1,1-dimethyl-acetic acid) ethyl ester
X264 (a and b)	-I	-*N*-piperidinyl

(a) means that R_3 is -H.
(b) means that R_3 is $-CH_3$.

Table 25



(Iy)

and pharmaceutically acceptable salts thereof, wherein:

Compound	R_1	R_{8a}
Y1 (a and b)	-H	-H
Y2 (a and b)	-H	-*tert*-butyl
Y3 (a and b)	-H	-*iso*-butyl
Y4 (a and b)	-H	-*sec*-butyl
Y5 (a and b)	-H	-*iso*-propyl
Y6 (a and b)	-H	-n-propyl
Y7 (a and b)	-H	-cyclohexyl
Y8 (a and b)	-H	-*tert*-butoxy
Y9 (a and b)	-H	-isopropoxy
Y10 (a and b)	-H	$-CF_3$
Y11 (a and b)	-H	$-CH_2CF_3$
Y12 (a and b)	-H	$-OCF_3$
Y13 (a and b)	-H	-Cl
Y14 (a and b)	-H	-Br
Y15 (a and b)	-H	-I

Compound	R_1	R_{8a}
Y16 (a and b)	-H	-n-butyl
Y17 (a and b)	-H	$-CH_3$
Y18 (a and b)	-H	$-SCF_3$
Y19 (a and b)	-H	$-N(CH_2CH_3)_2$
Y20 (a and b)	-H	$-OCF_2CHF_2$
Y21 (a and b)	-H	$-C(OH)(CF_3)_2$
Y22 (a and b)	-H	-(1,1-dimethyl-pentyl)
Y23 (a and b)	-H	-(1,1-dimethyl-acetic acid) ethyl ester
Y24 (a and b)	-H	-*N*-piperidinyl
Y25 (a and b)	-Cl	-H
Y26 (a and b)	-Cl	-*tert*-butyl
Y27 (a and b)	-Cl	-*iso*-butyl
Y28 (a and b)	-Cl	-*sec*-butyl
Y29 (a and b)	-Cl	-*iso*-propyl
Y30 (a and b)	-Cl	-n-propyl
Y31 (a and b)	-Cl	-cyclohexyl
Y32 (a and b)	-Cl	-*tert*-butoxy
Y33 (a and b)	-Cl	-isopropoxy
Y34 (a and b)	-Cl	$-CF_3$
Y35 (a and b)	-Cl	$-CH_2CF_3$
Y36 (a and b)	-Cl	$-OCF_3$
Y37 (a and b)	-Cl	-Cl
Y38 (a and b)	-Cl	-Br
Y39 (a and b)	-Cl	-I
Y40 (a and b)	-Cl	-n-butyl
Y41 (a and b)	-Cl	$-CH_3$
Y42 (a and b)	-Cl	$-SCF_3$
Y43 (a and b)	-Cl	$-N(CH_2CH_3)_2$
Y44 (a and b)	-Cl	$-OCF_2CHF_2$
Y45 (a and b)	-Cl	$-C(OH)(CF_3)_2$

Compound	R_1	R_{8a}
Y46 (a and b)	-Cl	-(1,1-dimethyl-pentyl)
Y47 (a and b)	-Cl	-(1,1-dimethyl-acetic acid) ethyl ester
Y48 (a and b)	-Cl	-*N*-piperidinyl
Y49 (a and b)	-F	-H
Y50 (a and b)	-F	-*tert*-butyl
Y51 (a and b)	-F	-*iso*-butyl
Y52 (a and b)	-F	-*sec*-butyl
Y53 (a and b)	-F	-*iso*-propyl
Y54 (a and b)	-F	-n-propyl
Y55 (a and b)	-F	-cyclohexyl
Y56 (a and b)	-F	-*tert*-butoxy
Y57 (a and b)	-F	-isopropoxy
Y58 (a and b)	-F	$-CF_3$
Y59 (a and b)	-F	$-CH_2CF_3$
Y60 (a and b)	-F	$-OCF_3$
Y61 (a and b)	-F	-Cl
Y62 (a and b)	-F	-Br
Y63 (a and b)	-F	-I
Y64 (a and b)	-F	-n-butyl
Y65 (a and b)	-F	$-CH_3$
Y66 (a and b)	-F	$-SCF_3$
Y67 (a and b)	-F	$-N(CH_2CH_3)_2$
Y68 (a and b)	-F	$-OCF_2CHF_2$
Y69 (a and b)	-F	$-C(OH)(CF_3)_2$
Y70 (a and b)	-F	-(1,1-dimethyl-pentyl)
Y71 (a and b)	-F	-(1,1-dimethyl-acetic acid) ethyl ester
Y72 (a and b)	-F	-*N*-piperidinyl
Y73 (a and b)	$-CH_3$	-H
Y74 (a and b)	$-CH_3$	-*iso*-butyl
Y75 (a and b)	$-CH_3$	-*tert*-butyl

Compound	R_1	R_{8a}
Y76 (a and b)	$-CH_3$	-*sec*-butyl
Y77 (a and b)	$-CH_3$	-*iso*-propyl
Y78 (a and b)	$-CH_3$	-n-propyl
Y79 (a and b)	$-CH_3$	-cyclohexyl
Y80 (a and b)	$-CH_3$	-*tert*-butoxy
Y81 (a and b)	$-CH_3$	-isopropoxy
Y82 (a and b)	$-CH_3$	$-CF_3$
Y83 (a and b)	$-CH_3$	$-CH_2CF_3$
Y84 (a and b)	$-CH_3$	$-OCF_3$
Y85 (a and b)	$-CH_3$	-Cl
Y86 (a and b)	$-CH_3$	-Br
Y87 (a and b)	$-CH_3$	-I
Y88 (a and b)	$-CH_3$	-n-butyl
Y89 (a and b)	$-CH_3$	$-CH_3$
Y90 (a and b)	$-CH_3$	$-SCF_3$
Y91 (a and b)	$-CH_3$	$-N(CH_2CH_3)_2$
Y92 (a and b)	$-CH_3$	$-OCF_2CHF_2$
Y93 (a and b)	$-CH_3$	$-C(OH)(CF_3)_2$
Y94 (a and b)	$-CH_3$	-(1,1-dimethyl-pentyl)
Y95 (a and b)	$-CH_3$	-(1,1-dimethyl-acetic acid) ethyl ester
Y96 (a and b)	$-CH_3$	-*N*-piperidinyl
Y97 (a and b)	$-CF_3$	-H
Y98 (a and b)	$-CF_3$	-*tert*-butyl
Y99 (a and b)	$-CF_3$	-*iso*-butyl
Y100 (a and b)	$-CF_3$	-*sec*-butyl
Y101 (a and b)	$-CF_3$	-*iso*-propyl
Y102 (a and b)	$-CF_3$	-n-propyl
Y103 (a and b)	$-CF_3$	-cyclohexyl
Y104 (a and b)	$-CF_3$	-*tert*-butoxy
Y105 (a and b)	$-CF_3$	-isopropoxy

Compound	R_1	R_{8a}
Y106 (a and b)	$-CF_3$	$-CF_3$
Y107 (a and b)	$-CF_3$	$-CH_2CF_3$
Y108 (a and b)	$-CF_3$	$-OCF_3$
Y109 (a and b)	$-CF_3$	-Cl
Y110 (a and b)	$-CF_3$	-Br
Y111 (a and b)	$-CF_3$	-I
Y112 (a and b)	$-CF_3$	-n-butyl
Y113 (a and b)	$-CF_3$	$-CH_3$
Y114 (a and b)	$-CF_3$	$-SCF_3$
Y115 (a and b)	$-CF_3$	$-N(CH_2CH_3)_2$
Y116 (a and b)	$-CF_3$	$-OCF_2CHF_2$
Y117 (a and b)	$-CF_3$	$-C(OH)(CF_3)_2$
Y118 (a and b)	$-CF_3$	-(1,1-dimethyl-pentyl)
Y119 (a and b)	$-CF_3$	-(1,1-dimethyl-acetic acid) ethyl ester
Y120 (a and b)	$-CF_3$	-*N*-piperidinyl
Y121 (a and b)	$-CHF_2$	-*tert*-butyl
Y122 (a and b)	$-CHF_2$	-H
Y123 (a and b)	$-CHF_2$	-*iso*-butyl
Y124 (a and b)	$-CHF_2$	-*sec*-butyl
Y125 (a and b)	$-CHF_2$	-*iso*-propyl
Y126 (a and b)	$-CHF_2$	-n-propyl
Y127 (a and b)	$-CHF_2$	-cyclohexyl
Y128 (a and b)	$-CHF_2$	-*tert*-butoxy
Y129 (a and b)	$-CHF_2$	-isopropoxy
Y130 (a and b)	$-CHF_2$	$-CF_3$
Y131 (a and b)	$-CHF_2$	$-CH_2CF_3$
Y132 (a and b)	$-CHF_2$	$-OCF_3$
Y133 (a and b)	$-CHF_2$	-Cl
Y134 (a and b)	$-CHF_2$	-Br
Y135 (a and b)	$-CHF_2$	-I

Compound	R_1	R_{8a}
Y136 (a and b)	$-CHF_2$	-n-butyl
Y137 (a and b)	$-CHF_2$	$-CH_3$
Y138 (a and b)	$-CHF_2$	$-SCF_3$
Y139 (a and b)	$-CHF_2$	$-N(CH_2CH_3)_2$
Y140 (a and b)	$-CHF_2$	$-OCF_2CHF_2$
Y141 (a and b)	$-CHF_2$	$-C(OH)(CF_3)_2$
Y142 (a and b)	$-CHF_2$	-(1,1-dimethyl-pentyl)
Y143 (a and b)	$-CHF_2$	-(1,1-dimethyl-acetic acid) ethyl ester
Y144 (a and b)	$-CHF_2$	-*N*-piperidinyl
Y145 (a and b)	-OH	-H
Y146 (a and b)	-OH	-*tert*-butyl
Y147 (a and b)	-OH	-*iso*-butyl
Y148 (a and b)	-OH	-*sec*-butyl
Y149 (a and b)	-OH	-*iso*-propyl
Y150 (a and b)	-OH	-n-propyl
Y151 (a and b)	-OH	-cyclohexyl
Y152 (a and b)	-OH	-*tert*-butoxy
Y153 (a and b)	-OH	-isopropoxy
Y154 (a and b)	-OH	$-CF_3$
Y155 (a and b)	-OH	$-CH_2CF_3$
Y156 (a and b)	-OH	$-OCF_3$
Y157 (a and b)	-OH	-Cl
Y158 (a and b)	-OH	-Br
Y159 (a and b)	-OH	-I
Y160 (a and b)	-OH	-n-butyl
Y161 (a and b)	-OH	$-CH_3$
Y162 (a and b)	-OH	$-SCF_3$
Y163 (a and b)	-OH	$-N(CH_2CH_3)_2$
Y164 (a and b)	-OH	$-OCF_2CHF_2$
Y165 (a and b)	-OH	$-C(OH)(CF_3)_2$

Compound	R_1	R_{8a}
Y166 (a and b)	-OH	-(1,1-dimethyl-pentyl)
Y167 (a and b)	-OH	-(1,1-dimethyl-acetic acid) ethyl ester
Y168 (a and b)	-OH	-*N*-piperidinyl
Y169 (a and b)	$-NO_2$	-H
Y170 (a and b)	$-NO_2$	-*tert*-butyl
Y171 (a and b)	$-NO_2$	-*iso*-butyl
Y172 (a and b)	$-NO_2$	-*sec*-butyl
Y173 (a and b)	$-NO_2$	-*iso*-propyl
Y174 (a and b)	$-NO_2$	-n-propyl
Y175 (a and b)	$-NO_2$	-cyclohexyl
Y176 (a and b)	$-NO_2$	-*tert*-butoxy
Y177 (a and b)	$-NO_2$	-isopropoxy
Y178 (a and b)	$-NO_2$	$-CF_3$
Y179 (a and b)	$-NO_2$	$-CH_2CF_3$
Y180 (a and b)	$-NO_2$	$-OCF_3$
Y181 (a and b)	$-NO_2$	-Cl
Y182 (a and b)	$-NO_2$	-Br
Y183 (a and b)	$-NO_2$	-I
Y184 (a and b)	$-NO_2$	-n-butyl
Y185 (a and b)	$-NO_2$	$-CH_3$
Y186 (a and b)	$-NO_2$	$-SCF_3$
Y187 (a and b)	$-NO_2$	$-N(CH_2CH_3)_2$
Y188 (a and b)	$-NO_2$	$-OCF_2CHF_2$
Y189 (a and b)	$-NO_2$	$-C(OH)(CF_3)_2$
Y190 (a and b)	$-NO_2$	-(1,1-dimethyl-pentyl)
Y191 (a and b)	$-NO_2$	-(1,1-dimethyl-acetic acid) ethyl ester
Y192 (a and b)	$-NO_2$	-*N*-piperidinyl
Y193 (a and b)	-CN	-H
Y194 (a and b)	-CN	-*tert*-butyl
Y195 (a and b)	-CN	-*iso*-butyl

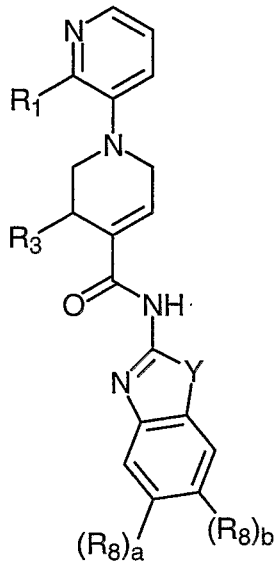
Compound	R_1	R_{8a}
Y196 (a and b)	-CN	-*sec*-butyl
Y197 (a and b)	-CN	-*iso*-propyl
Y198 (a and b)	-CN	-n-propyl
Y199 (a and b)	-CN	-cyclohexyl
Y200 (a and b)	-CN	-*tert*-butoxy
Y201 (a and b)	-CN	-isopropoxy
Y202 (a and b)	-CN	$-CF_3$
Y203 (a and b)	-CN	$-CH_2CF_3$
Y204 (a and b)	-CN	$-OCF_3$
Y205 (a and b)	-CN	-Cl
Y206 (a and b)	-CN	-Br
Y207 (a and b)	-CN	-I
Y208 (a and b)	-CN	-n-butyl
Y209 (a and b)	-CN	$-CH_3$
Y210 (a and b)	-CN	$-SCF_3$
Y211 (a and b)	-CN	$-N(CH_2CH_3)_2$
Y212 (a and b)	-CN	$-OCF_2CHF_2$
Y213 (a and b)	-CN	$-C(OH)(CF_3)_2$
Y214 (a and b)	-CN	-(1,1-dimethyl-pentyl)
Y215 (a and b)	-CN	-(1,1-dimethyl-acetic acid) ethyl ester
Y216 (a and b)	-CN	-*N*-piperidinyl
Y217 (a and b)	-Br	-H
Y218 (a and b)	-Br	-*tert*-butyl
Y219 (a and b)	-Br	-*iso*-butyl
Y220 (a and b)	-Br	-*sec*-butyl
Y221 (a and b)	-Br	-*iso*-propyl
Y222 (a and b)	-Br	-n-propyl
Y223 (a and b)	-Br	-cyclohexyl
Y224 (a and b)	-Br	-*tert*-butoxy
Y225 (a and b)	-Br	-isopropoxy

Compound	R_1	R_{8a}
Y226 (a and b)	-Br	$-CF_3$
Y227 (a and b)	-Br	$-CH_2CF_3$
Y228 (a and b)	-Br	$-OCF_3$
Y229 (a and b)	-Br	-Cl
Y230 (a and b)	-Br	-Br
Y231 (a and b)	-Br	-I
Y232 (a and b)	-Br	-n-butyl
Y233 (a and b)	-Br	$-CH_3$
Y234 (a and b)	-Br	$-SCF_3$
Y235 (a and b)	-Br	$-N(CH_2CH_3)_2$
Y236 (a and b)	-Br	$-OCF_2CHF_2$
Y237 (a and b)	-Br	$-C(OH)(CF_3)_2$
Y238 (a and b)	-Br	-(1,1-dimethyl-pentyl)
Y239 (a and b)	-Br	-(1,1-dimethyl-acetic acid) ethyl ester
Y240 (a and b)	-Br	-*N*-piperidinyl
Y241 (a and b)	-I	-*tert*-butyl
Y242 (a and b)	-I	-H
Y243 (a and b)	-I	-*iso*-butyl
Y244 (a and b)	-I	-*sec*-butyl
Y245 (a and b)	-I	-*iso*-propyl
Y246 (a and b)	-I	-n-propyl
Y247 (a and b)	-I	-cyclohexyl
Y248 (a and b)	-I	-*tert*-butoxy
Y249 (a and b)	-I	-isopropoxy
Y250 (a and b)	-I	$-CF_3$
Y251 (a and b)	-I	$-CH_2CF_3$
Y252 (a and b)	-I	$-OCF_3$
Y253 (a and b)	-I	-Cl
Y254 (a and b)	-I	-Br
Y255 (a and b)	-I	-I

Compound	R_1	R_{8a}
Y256 (a and b)	-I	-n-butyl
Y257 (a and b)	-I	$-CH_3$
Y258 (a and b)	-I	$-SCF_3$
Y259 (a and b)	-I	$-N(CH_2CH_3)_2$
Y260 (a and b)	-I	$-OCF_2CHF_2$
Y261 (a and b)	-I	$-C(OH)(CF_3)_2$
Y262 (a and b)	-I	-(1,1-dimethyl-pentyl)
Y263 (a and b)	-I	-(1,1-dimethyl-acetic acid) ethyl ester
Y264 (a and b)	-I	-*N*-piperidinyl

(a) means that R_3 is -H.
(b) means that R_3 is $-CH_3$.

Table 26



(Iz)

and pharmaceutically acceptable salts thereof, wherein:

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
Z1 (a and b)	S	-H	-Cl	-H
Z2 (a and b)	S	-H	-Br	-H
Z3 (a and b)	S	-H	-F	-H
Z4 (a and b)	S	-H	$-CH_3$	-H
Z5 (a and b)	S	-H	$-CF_3$	-H
Z6 (a and b)	S	-H	$-OCH_3$	-H
Z7 (a and b)	S	-H	$-OCH_2CH_3$	-H
Z8 (a and b)	S	-H	$-OCF_3$	-H
Z9 (a and b)	S	-H	*-tert*-butyl	-H
Z10 (a and b)	S	-H	*-iso*-propyl	-H
Z11 (a and b)	S	-H	$-CH_3$	$-CH_3$
Z12 (a and b)	S	-H	-H	-H
Z13 (a and b)	S	-H	-H	-Cl
Z14 (a and b)	S	-H	-H	-Br
Z15 (a and b)	S	-H	-H	-F

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
Z16 (a and b)	S	-H	-H	$-CH_3$
Z17 (a and b)	S	-H	-H	$-CF_3$
Z18 (a and b)	S	-H	-H	$-OCH_3$
Z19 (a and b)	S	-H	-H	$-OCH_2CH_3$
Z20 (a and b)	S	-H	-H	$-OCF_3$
Z21 (a and b)	S	-H	-H	*-tert*-butyl
Z22 (a and b)	S	-H	-H	*-iso*-propyl
Z23 (a and b)	S	-Cl	-Cl	-H
Z24 (a and b)	S	-Cl	-Br	-H
Z25 (a and b)	S	-Cl	-F	-H
Z26 (a and b)	S	-Cl	$-CH_3$	-H
Z27 (a and b)	S	-Cl	$-CF_3$	-H
Z28 (a and b)	S	-Cl	$-OCH_3$	-H
Z29 (a and b)	S	-Cl	$-OCH_2CH_3$	-H
Z30 (a and b)	S	-Cl	$-OCF_3$	-H
Z31 (a and b)	S	-Cl	*-tert*-butyl	-H
Z32 (a and b)	S	-Cl	*-iso*-propyl	-H
Z33 (a and b)	S	-Cl	$-CH_3$	$-CH_3$
Z34 (a and b)	S	-Cl	-H	-H
Z35 (a and b)	S	-Cl	-H	-Cl
Z36 (a and b)	S	-Cl	-H	-Br
Z37 (a and b)	S	-Cl	-H	-F
Z38 (a and b)	S	-Cl	-H	$-CH_3$
Z39 (a and b)	S	-Cl	-H	$-CF_3$
Z40 (a and b)	S	-Cl	-H	$-OCH_3$
Z41 (a and b)	S	-Cl	-H	$-OCH_2CH_3$
Z42 (a and b)	S	-Cl	-H	$-OCF_3$
Z43 (a and b)	S	-Cl	-H	*-tert*-butyl
Z44 (a and b)	S	-Cl	-H	*-iso*-propyl
Z45 (a and b)	S	-Cl	-H	$-OCF_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
Z46 (a and b)	S	-Cl	-H	-*tert*-butyl
Z47 (a and b)	S	-Cl	-H	-*iso*-propyl
Z48 (a and b)	S	$-CH_3$	-Cl	-H
Z49 (a and b)	S	$-CH_3$	-Br	-H
Z50 (a and b)	S	$-CH_3$	-F	-H
Z51 (a and b)	S	$-CH_3$	$-CH_3$	-H
Z52 (a and b)	S	$-CH_3$	$-CF_3$	-H
Z53 (a and b)	S	$-CH_3$	$-OCH_3$	-H
Z54 (a and b)	S	$-CH_3$	$-OCH_2CH_3$	-H
Z55 (a and b)	S	$-CH_3$	$-OCF_3$	-H
Z56 (a and b)	S	$-CH_3$	-*tert*-butyl	-H
Z57 (a and b)	S	$-CH_3$	-*iso*-propyl	-H
Z58 (a and b)	S	$-CH_3$	$-CH_3$	$-CH_3$
Z59 (a and b)	S	$-CH_3$	-H	-H
Z60 (a and b)	S	$-CH_3$	-H	-Cl
Z61 (a and b)	S	$-CH_3$	-H	-Br
Z62 (a and b)	S	$-CH_3$	-H	-F
Z63 (a and b)	S	$-CH_3$	-H	$-CH_3$
Z64 (a and b)	S	$-CH_3$	-H	$-CF_3$
Z65 (a and b)	S	$-CH_3$	-H	$-OCH_3$
Z66 (a and b)	S	$-CH_3$	-H	$-OCH_2CH_3$
Z67 (a and b)	S	$-CH_3$	-H	$-OCF_3$
Z68 (a and b)	S	$-CH_3$	-H	-*tert*-butyl
Z69 (a and b)	S	$-CH_3$	-H	-*iso*-propyl
Z70 (a and b)	S	$-CF_3$	-Cl	-H
Z71 (a and b)	S	$-CF_3$	-Br	-H
Z72 (a and b)	S	$-CF_3$	-F	-H
Z73 (a and b)	S	$-CF_3$	$-CH_3$	-H
Z74 (a and b)	S	$-CF_3$	$-CF_3$	-H
Z75 (a and b)	S	$-CF_3$	$-OCH_3$	-H
Z76 (a and b)	S	$-CF_3$	$-OCH_2CH_3$	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
Z77 (a and b)	S	$-CF_3$	$-OCF_3$	-H
Z78 (a and b)	S	$-CF_3$	*-tert*-butyl	-H
Z79 (a and b)	S	$-CF_3$	*-iso*-propyl	-H
Z80 (a and b)	S	$-CF_3$	$-CH_3$	$-CH_3$
Z81 (a and b)	S	$-CF_3$	-H	-H
Z82 (a and b)	S	$-CF_3$	-H	-Cl
Z83 (a and b)	S	$-CF_3$	-H	-Br
Z84 (a and b)	S	$-CF_3$	-H	-F
Z85 (a and b)	S	$-CF_3$	-H	$-CH_3$
Z86 (a and b)	S	$-CF_3$	-H	$-CF_3$
Z87 (a and b)	S	$-CF_3$	-H	$-OCH_3$
Z88 (a and b)	S	$-CF_3$	-H	$-OCH_2CH_3$
Z89 (a and b)	S	$-CF_3$	-H	$-OCF_3$
Z90 (a and b)	S	$-CF_3$	-H	*-tert*-butyl
Z91 (a and b)	S	$-CF_3$	-H	*-iso*-propyl
Z92 (a and b)	S	$-CHF_2$	-Cl	-H
Z93 (a and b)	S	$-CHF_2$	-Br	-H
Z94 (a and b)	S	$-CHF_2$	-F	-H
Z95 (a and b)	S	$-CHF_2$	$-CH_3$	-H
Z96 (a and b)	S	$-CHF_2$	$-CF_3$	-H
Z97 (a and b)	S	$-CHF_2$	$-OCH_3$	-H
Z98 (a and b)	S	$-CHF_2$	$-OCH_2CH_3$	-H
Z99 (a and b)	S	$-CHF_2$	$-OCF_3$	-H
Z100 (a and b)	S	$-CHF_2$	*-tert*-butyl	-H
Z101 (a and b)	S	$-CHF_2$	*-iso*-propyl	-H
Z102 (a and b)	S	$-CHF_2$	$-CH_3$	$-CH_3$
Z103 (a and b)	S	$-CHF_2$	-H	-H
Z104 (a and b)	S	$-CHF_2$	-H	-Cl
Z105 (a and b)	S	$-CHF_2$	-H	-Br
Z106 (a and b)	S	$-CHF_2$	-H	-F
Z107 (a and b)	S	$-CHF_2$	-H	$-CH_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
Z108 (a and b)	S	$-CHF_2$	-H	$-CF_3$
Z109 (a and b)	S	$-CHF_2$	-H	$-OCH_3$
Z110 (a and b)	S	$-CHF_2$	-H	$-OCH_2CH_3$
Z111 (a and b)	S	$-CHF_2$	-H	$-OCF_3$
Z112 (a and b)	S	$-CHF_2$	-H	*-tert*-butyl
Z113 (a and b)	S	$-CHF_2$	-H	*-iso*-propyl
Z114 (a and b)	S	-OH	-Cl	-H
Z115 (a and b)	S	-OH	-Br	-H
Z116 (a and b)	S	-OH	-F	-H
Z117 (a and b)	S	-OH	$-CH_3$	-H
Z118 (a and b)	S	-OH	$-CF_3$	-H
Z119 (a and b)	S	-OH	$-OCH_3$	-H
Z120 (a and b)	S	-OH	$-OCH_2CH_3$	-H
Z121 (a and b)	S	-OH	$-OCF_3$	-H
Z122 (a and b)	S	-OH	*-tert*-butyl	-H
Z123 (a and b)	S	-OH	*-iso*-propyl	-H
Z124 (a and b)	S	-OH	$-CH_3$	$-CH_3$
Z125 (a and b)	S	-OH	-H	-H
Z126 (a and b)	S	-OH	-H	-Cl
Z127 (a and b)	S	-OH	-H	-Br
Z128 (a and b)	S	-OH	-H	-F
Z129 (a and b)	S	-OH	-H	$-CH_3$
Z130 (a and b)	S	-OH	-H	$-CF_3$
Z131 (a and b)	S	-OH	-H	$-OCH_3$
Z132 (a and b)	S	-OH	-H	$-OCH_2CH_3$
Z133 (a and b)	S	-OH	-H	$-OCF_3$
Z134 (a and b)	S	-OH	-H	*-tert*-butyl
Z135 (a and b)	S	-OH	-H	*-iso*-propyl
Z136 (a and b)	S	$-NO_2$	-Cl	-H
Z137 (a and b)	S	$-NO_2$	-Br	-H
Z138 (a and b)	S	$-NO_2$	-F	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
Z139 (a and b)	S	$-NO_2$	$-CH_3$	-H
Z140 (a and b)	S	$-NO_2$	$-CF_3$	-H
Z141 (a and b)	S	$-NO_2$	$-OCH_3$	-H
Z142 (a and b)	S	$-NO_2$	$-OCH_2CH_3$	-H
Z143 (a and b)	S	$-NO_2$	$-OCF_3$	-H
Z144 (a and b)	S	$-NO_2$	*-tert*-butyl	-H
Z145 (a and b)	S	$-NO_2$	*-iso*-propyl	-H
Z146 (a and b)	S	$-NO_2$	$-CH_3$	$-CH_3$
Z147 (a and b)	S	$-NO_2$	-H	-H
Z148 (a and b)	S	$-NO_2$	-H	-Cl
Z149 (a and b)	S	$-NO_2$	-H	-Br
Z150 (a and b)	S	$-NO_2$	-H	-F
Z151 (a and b)	S	$-NO_2$	-H	$-CH_3$
Z152 (a and b)	S	$-NO_2$	-H	$-CF_3$
Z153 (a and b)	S	$-NO_2$	-H	$-OCH_3$
Z154 (a and b)	S	$-NO_2$	-H	$-OCH_2CH_3$
Z155 (a and b)	S	$-NO_2$	-H	$-OCF_3$
Z156 (a and b)	S	$-NO_2$	-H	*-tert*-butyl
Z157 (a and b)	S	$-NO_2$	-H	*-iso*-propyl
Z158 (a and b)	S	-CN	-Br	-H
Z159 (a and b)	S	-CN	-Cl	-H
Z160 (a and b)	S	-CN	-F	-H
Z161 (a and b)	S	-CN	$-CH_3$	-H
Z162 (a and b)	S	-CN	$-CF_3$	-H
Z163 (a and b)	S	-CN	$-OCH_3$	-H
Z164 (a and b)	S	-CN	$-OCH_2CH_3$	-H
Z165 (a and b)	S	-CN	$-OCF_3$	-H
Z166 (a and b)	S	-CN	*-tert*-butyl	-H
Z167 (a and b)	S	-CN	*-iso*-propyl	-H
Z168 (a and b)	S	-CN	$-CH_3$	$-CH_3$
Z169 (a and b)	S	-CN	-H	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
Z170 (a and b)	S	-CN	-H	-Cl
Z171 (a and b)	S	-CN	-H	-Br
Z172 (a and b)	S	-CN	-H	-F
Z173 (a and b)	S	-CN	-H	$-CH_3$
Z174 (a and b)	S	-CN	-H	$-CF_3$
Z175 (a and b)	S	-CN	-H	$-OCH_3$
Z176 (a and b)	S	-CN	-H	$-OCH_2CH_3$
Z177 (a and b)	S	-CN	-H	$-OCF_3$
Z178 (a and b)	S	-CN	-H	*-tert*-butyl
Z179 (a and b)	S	-CN	-H	*-iso*-propyl
Z180 (a and b)	S	-Br	-Br	-H
Z181 (a and b)	S	-Br	-Cl	-H
Z182 (a and b)	S	-Br	-F	-H
Z183 (a and b)	S	-Br	$-CH_3$	-H
Z184 (a and b)	S	-Br	$-CF_3$	-H
Z185 (a and b)	S	-Br	$-OCH_3$	-H
Z186 (a and b)	S	-Br	$-OCH_2CH_3$	-H
Z187 (a and b)	S	-Br	$-OCF_3$	-H
Z188 (a and b)	S	-Br	*-tert*-butyl	-H
Z189 (a and b)	S	-Br	*-iso*-propyl	-H
Z190 (a and b)	S	-Br	$-CH_3$	$-CH_3$
Z191 (a and b)	S	-Br	-H	-H
Z192 (a and b)	S	-Br	-H	-Cl
Z193 (a and b)	S	-Br	-H	-Br
Z194 (a and b)	S	-Br	-H	-F
Z195 (a and b)	S	-Br	-H	$-CH_3$
Z196 (a and b)	S	-Br	-H	$-CF_3$
Z197 (a and b)	S	-Br	-H	$-OCH_3$
Z198 (a and b)	S	-Br	-H	$-OCH_2CH_3$
Z199 (a and b)	S	-Br	-H	$-OCF_3$
Z200 (a and b)	S	-Br	-H	*-tert*-butyl

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
Z201 (a and b)	S	-Br	-H	*-iso*-propyl
Z202 (a and b)	S	-I	-Cl	-H
Z203 (a and b)	S	-I	-Br	-H
Z204 (a and b)	S	-I	-F	-H
Z205 (a and b)	S	-I	$-CH_3$	-H
Z206 (a and b)	S	-I	$-CF_3$	-H
Z207 (a and b)	S	-I	$-OCH_3$	-H
Z208 (a and b)	S	-I	$-OCH_2CH_3$	-H
Z209 (a and b)	S	-I	$-OCF_3$	-H
Z210 (a and b)	S	-I	*-tert*-butyl	-H
Z211 (a and b)	S	-I	*-iso*-propyl	-H
Z212 (a and b)	S	-I	$-CH_3$	$-CH_3$
Z213 (a and b)	S	-I	-H	-H
Z214 (a and b)	S	-I	-H	-Cl
Z215 (a and b)	S	-I	-H	-Br
Z216 (a and b)	S	-I	-H	-F
Z217 (a and b)	S	-I	-H	$-CH_3$
Z218 (a and b)	S	-I	-H	$-CF_3$
Z219 (a and b)	S	-I	-H	$-OCH_3$
Z220 (a and b)	S	-I	-H	$-OCH_2CH_3$
Z221 (a and b)	S	-I	-H	$-OCF_3$
Z222 (a and b)	S	-I	-H	*-tert*-butyl
Z223 (a and b)	S	-I	-H	*-iso*-propyl
Z224 (a and b)	O	-H	-Cl	-H
Z225 (a and b)	O	-H	-Br	-H
Z226 (a and b)	O	-H	-F	-H
Z227 (a and b)	O	-H	$-CH_3$	-H
Z228 (a and b)	O	-H	$-CF_3$	-H
Z229 (a and b)	O	-H	$-OCH_3$	-H
Z230 (a and b)	O	-H	$-OCH_2CH_3$	-H
Z231 (a and b)	O	-H	$-OCF_3$	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
Z232 (a and b)	O	-H	-*tert*-butyl	-H
Z233 (a and b)	O	-H	-*iso*-propyl	-H
Z234 (a and b)	O	-H	$-CH_3$	$-CH_3$
Z235 (a and b)	O	-H	-H	-H
Z236 (a and b)	O	-H	-H	-Cl
Z237 (a and b)	O	-H	-H	-Br
Z238 (a and b)	O	-H	-H	-F
Z239 (a and b)	O	-H	-H	$-CH_3$
Z240 (a and b)	O	-H	-H	$-CF_3$
Z241 (a and b)	O	-H	-H	$-OCH_3$
Z242 (a and b)	O	-H	-H	$-OCH_2CH_3$
Z243 (a and b)	O	-H	-H	$-OCF_3$
Z244 (a and b)	O	-H	-H	-*tert*-butyl
Z245 (a and b)	O	-H	-H	-*iso*-propyl
Z246 (a and b)	O	-Cl	-Cl	-H
Z247 (a and b)	O	-Cl	-Br	-H
Z248 (a and b)	O	-Cl	-F	-H
Z249 (a and b)	O	-Cl	$-CH_3$	-H
Z250 (a and b)	O	-Cl	$-CF_3$	-H
Z251 (a and b)	O	-Cl	$-OCH_3$	-H
Z252 (a and b)	O	-Cl	$-OCH_2CH_3$	-H
Z253 (a and b)	O	-Cl	$-OCF_3$	-H
Z254 (a and b)	O	-Cl	-*tert*-butyl	-H
Z255 (a and b)	O	-Cl	-*iso*-propyl	-H
Z256 (a and b)	O	-Cl	$-CH_3$	$-CH_3$
Z257 (a and b)	O	-Cl	-H	-H
Z258 (a and b)	O	-Cl	-H	$-CH_3$
Z259 (a and b)	O	-Cl	-H	-Cl
Z260 (a and b)	O	-Cl	-H	-Br
Z261 (a and b)	O	-Cl	-H	-F
Z262 (a and b)	O	-Cl	-H	$-CF_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
Z263 (a and b)	O	-Cl	-H	$-OCH_3$
Z264 (a and b)	O	-Cl	-H	$-OCH_2CH_3$
Z265 (a and b)	O	-Cl	-H	$-OCF_3$
Z266 (a and b)	O	-Cl	-H	*-tert*-butyl
Z267 (a and b)	O	-Cl	-H	*-iso*-propyl
Z268 (a and b)	O	-Cl	-H	$-OCF_3$
Z269 (a and b)	O	-Cl	-H	*-tert*-butyl
Z270 (a and b)	O	-Cl	-H	*-iso*-propyl
Z271 (a and b)	O	$-CH_3$	-Cl	-H
Z272 (a and b)	O	$-CH_3$	-Br	-H
Z273 (a and b)	O	$-CH_3$	-F	-H
Z274 (a and b)	O	$-CH_3$	$-CH_3$	-H
Z275 (a and b)	O	$-CH_3$	$-CF_3$	-H
Z276 (a and b)	O	$-CH_3$	$-OCH_3$	-H
Z277 (a and b)	O	$-CH_3$	$-OCH_2CH_3$	-H
Z278 (a and b)	O	$-CH_3$	$-OCF_3$	-H
Z279 (a and b)	O	$-CH_3$	*-tert*-butyl	-H
Z280 (a and b)	O	$-CH_3$	*-iso*-propyl	-H
Z281 (a and b)	O	$-CH_3$	$-CH_3$	$-CH_3$
Z282 (a and b)	O	$-CH_3$	-H	-H
Z283 (a and b)	O	$-CH_3$	-H	-Cl
Z284 (a and b)	O	$-CH_3$	-H	-Br
Z285 (a and b)	O	$-CH_3$	-H	-F
Z286 (a and b)	O	$-CH_3$	-H	$-CH_3$
Z287 (a and b)	O	$-CH_3$	-H	$-CF_3$
Z288 (a and b)	O	$-CH_3$	-H	$-OCH_3$
Z289 (a and b)	O	$-CH_3$	-H	$-OCH_2CH_3$
Z290 (a and b)	O	$-CH_3$	-H	$-OCF_3$
Z291 (a and b)	O	$-CH_3$	-H	*-tert*-butyl
Z292 (a and b)	O	$-CH_3$	-H	*-iso*-propyl
Z293 (a and b)	O	$-CF_3$	-Cl	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
Z294 (a and b)	O	$-CF_3$	-Br	-H
Z295 (a and b)	O	$-CF_3$	-F	-H
Z296 (a and b)	O	$-CF_3$	$-CH_3$	-H
Z297 (a and b)	O	$-CF_3$	$-CF_3$	-H
Z298 (a and b)	O	$-CF_3$	$-OCH_3$	-H
Z299 (a and b)	O	$-CF_3$	$-OCH_2CH_3$	-H
Z300 (a and b)	O	$-CF_3$	$-OCF_3$	-H
Z301 (a and b)	O	$-CF_3$	*-tert*-butyl	-H
Z302 (a and b)	O	$-CF_3$	*-iso*-propyl	-H
Z303 (a and b)	O	$-CF_3$	$-CH_3$	$-CH_3$
Z304 (a and b)	O	$-CF_3$	-H	-H
Z305 (a and b)	O	$-CF_3$	-H	-Cl
Z306 (a and b)	O	$-CF_3$	-H	-Br
Z307 (a and b)	O	$-CF_3$	-H	-F
Z308 (a and b)	O	$-CF_3$	-H	$-CH_3$
Z309 (a and b)	O	$-CF_3$	-H	$-CF_3$
Z310 (a and b)	O	$-CF_3$	-H	$-OCH_3$
Z311 (a and b)	O	$-CF_3$	-H	$-OCH_2CH_3$
Z312 (a and b)	O	$-CF_3$	-H	$-OCF_3$
Z313 (a and b)	O	$-CF_3$	-H	*-tert*-butyl
Z314 (a and b)	O	$-CF_3$	-H	*-iso*-propyl
Z315 (a and b)	O	$-CHF_2$	-Cl	-H
Z316 (a and b)	O	$-CHF_2$	-Br	-H
Z317 (a and b)	O	$-CHF_2$	-F	-H
Z318 (a and b)	O	$-CHF_2$	$-CH_3$	-H
Z319 (a and b)	O	$-CHF_2$	$-CF_3$	-H
Z320 (a and b)	O	$-CHF_2$	$-OCH_3$	-H
Z321 (a and b)	O	$-CHF_2$	$-OCH_2CH_3$	-H
Z322 (a and b)	O	$-CHF_2$	$-OCF_3$	-H
Z323 (a and b)	O	$-CHF_2$	*-tert*-butyl	-H
Z324 (a and b)	O	$-CHF_2$	*-iso*-propyl	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
Z325 (a and b)	O	$-CHF_2$	$-CH_3$	$-CH_3$
Z326 (a and b)	O	$-CHF_2$	-H	-H
Z327 (a and b)	O	$-CHF_2$	-H	-Cl
Z328 (a and b)	O	$-CHF_2$	-H	-Br
Z329 (a and b)	O	$-CHF_2$	-H	-F
Z330 (a and b)	O	$-CHF_2$	-H	$-CH_3$
Z331 (a and b)	O	$-CHF_2$	-H	$-CF_3$
Z332 (a and b)	O	$-CHF_2$	-H	$-OCH_3$
Z333 (a and b)	O	$-CHF_2$	-H	$-OCH_2CH_3$
Z334 (a and b)	O	$-CHF_2$	-H	$-OCF_3$
Z335 (a and b)	O	$-CHF_2$	-H	*-tert*-butyl
Z336 (a and b)	O	$-CHF_2$	-H	*-iso*-propyl
Z337 (a and b)	O	-OH	-Cl	-H
Z338 (a and b)	O	-OH	-Br	-H
Z339 (a and b)	O	-OH	-F	-H
Z340 (a and b)	O	-OH	$-CH_3$	-H
Z341 (a and b)	O	-OH	$-CF_3$	-H
Z342 (a and b)	O	-OH	$-OCH_3$	-H
Z343 (a and b)	O	-OH	$-OCH_2CH_3$	-H
Z344 (a and b)	O	-OH	$-OCF_3$	-H
Z345 (a and b)	O	-OH	*-tert*-butyl	-H
Z346 (a and b)	O	-OH	*-iso*-propyl	-H
Z347 (a and b)	O	-OH	$-CH_3$	$-CH_3$
Z348 (a and b)	O	-OH	-H	-H
Z349 (a and b)	O	-OH	-H	-Cl
Z350 (a and b)	O	-OH	-H	-Br
Z351 (a and b)	O	-OH	-H	-F
Z352 (a and b)	O	-OH	-H	$-CH_3$
Z353 (a and b)	O	-OH	-H	$-CF_3$
Z354 (a and b)	O	-OH	-H	$-OCH_3$
Z355 (a and b)	O	-OH	-H	$-OCH_2CH_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
Z356 (a and b)	O	-OH	-H	$-OCF_3$
Z357 (a and b)	O	-OH	-H	*-tert*-butyl
Z358 (a and b)	O	-OH	-H	*-iso*-propyl
Z359 (a and b)	O	$-NO_2$	-Cl	-H
Z360 (a and b)	O	$-NO_2$	-Br	-H
Z361 (a and b)	O	$-NO_2$	-F	-H
Z362 (a and b)	O	$-NO_2$	$-CH_3$	-H
Z363 (a and b)	O	$-NO_2$	$-CF_3$	-H
Z364 (a and b)	O	$-NO_2$	$-OCH_3$	-H
Z365 (a and b)	O	$-NO_2$	$-OCH_2CH_3$	-H
Z366 (a and b)	O	$-NO_2$	$-OCF_3$	-H
Z367 (a and b)	O	$-NO_2$	*-tert*-butyl	-H
Z368 (a and b)	O	$-NO_2$	*-iso*-propyl	-H
Z369 (a and b)	O	$-NO_2$	$-CH_3$	$-CH_3$
Z370 (a and b)	O	$-NO_2$	-H	-H
Z371 (a and b)	O	$-NO_2$	-H	-Cl
Z372 (a and b)	O	$-NO_2$	-H	-Br
Z373 (a and b)	O	$-NO_2$	-H	-F
Z374 (a and b)	O	$-NO_2$	-H	$-CH_3$
Z375 (a and b)	O	$-NO_2$	-H	$-CF_3$
Z376 (a and b)	O	$-NO_2$	-H	$-OCH_3$
Z377 (a and b)	O	$-NO_2$	-H	$-OCH_2CH_3$
Z378 (a and b)	O	$-NO_2$	-H	$-OCF_3$
Z379 (a and b)	O	$-NO_2$	-H	*-tert*-butyl
Z380 (a and b)	O	$-NO_2$	-H	*-iso*-propyl
Z381 (a and b)	O	-CN	-Br	-H
Z382 (a and b)	O	-CN	-Cl	-H
Z383 (a and b)	O	-CN	-F	-H
Z384 (a and b)	O	-CN	$-CH_3$	-H
Z385 (a and b)	O	-CN	$-CF_3$	-H
Z386 (a and b)	O	-CN	$-OCH_3$	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
Z387 (a and b)	O	-CN	$-OCH_2CH_3$	-H
Z388 (a and b)	O	-CN	$-OCF_3$	-H
Z389 (a and b)	O	-CN	*-tert*-butyl	-H
Z390 (a and b)	O	-CN	*-iso*-propyl	-H
Z391 (a and b)	O	-CN	$-CH_3$	$-CH_3$
Z392 (a and b)	O	-CN	-H	-H
Z393 (a and b)	O	-CN	-H	-Cl
Z394 (a and b)	O	-CN	-H	-Br
Z395 (a and b)	O	-CN	-H	-F
Z396 (a and b)	O	-CN	-H	$-CH_3$
Z397 (a and b)	O	-CN	-H	$-CF_3$
Z398 (a and b)	O	-CN	-H	$-OCH_3$
Z399 (a and b)	O	-CN	-H	$-OCH_2CH_3$
Z400 (a and b)	O	-CN	-H	$-OCF_3$
Z401 (a and b)	O	-CN	-H	*-tert*-butyl
Z402 (a and b)	O	-CN	-H	*-iso*-propyl
Z403 (a and b)	O	-Br	-Br	-H
Z404 (a and b)	O	-Br	-Cl	-H
Z405 (a and b)	O	-Br	-F	-H
Z406 (a and b)	O	-Br	$-CH_3$	-H
Z407 (a and b)	O	-Br	$-CF_3$	-H
Z408 (a and b)	O	-Br	$-OCH_3$	-H
Z409 (a and b)	O	-Br	$-OCH_2CH_3$	-H
Z410 (a and b)	O	-Br	$-OCF_3$	-H
Z411 (a and b)	O	-Br	*-tert*-butyl	-H
Z412 (a and b)	O	-Br	*-iso*-propyl	-H
Z413 (a and b)	O	-Br	$-CH_3$	$-CH_3$
Z414 (a and b)	O	-Br	-H	-H
Z415 (a and b)	O	-Br	-H	-Cl
Z416 (a and b)	O	-Br	-H	-Br
Z417 (a and b)	O	-Br	-H	-F

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
Z418 (a and b)	O	-Br	-H	$-CH_3$
Z419 (a and b)	O	-Br	-H	$-CF_3$
Z420 (a and b)	O	-Br	-H	$-OCH_3$
Z421 (a and b)	O	-Br	-H	$-OCH_2CH_3$
Z422 (a and b)	O	-Br	-H	$-OCF_3$
Z423 (a and b)	O	-Br	-H	*-tert*-butyl
Z424 (a and b)	O	-Br	-H	*-iso*-propyl
Z425 (a and b)	O	-I	-Cl	-H
Z426 (a and b)	O	-I	-Br	-H
Z427 (a and b)	O	-I	-F	-H
Z428 (a and b)	O	-I	$-CH_3$	-H
Z429 (a and b)	O	-I	$-CF_3$	-H
Z430 (a and b)	O	-I	$-OCH_3$	-H
Z431 (a and b)	O	-I	$-OCH_2CH_3$	-H
Z432 (a and b)	O	-I	$-OCF_3$	-H
Z433 (a and b)	O	-I	*-tert*-butyl	-H
Z434 (a and b)	O	-I	*-iso*-propyl	-H
Z435 (a and b)	O	-I	$-CH_3$	$-CH_3$
Z436 (a and b)	O	-I	-H	-H
Z437 (a and b)	O	-I	-H	-Cl
Z438 (a and b)	O	-I	-H	-Br
Z439 (a and b)	O	-I	-H	-F
Z440 (a and b)	O	-I	-H	$-CH_3$
Z441 (a and b)	O	-I	-H	$-CF_3$
Z442 (a and b)	O	-I	-H	$-OCH_3$
Z443 (a and b)	O	-I	-H	$-OCH_2CH_3$
Z444 (a and b)	O	-I	-H	$-OCF_3$
Z445 (a and b)	O	-I	-H	*-tert*-butyl
Z446 (a and b)	O	-I	-H	*-iso*-propyl
Z447 (a and b)	NH	-H	-Cl	-H
Z448 (a and b)	NH	-H	-Br	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
Z449 (a and b)	NH	-H	-F	-H
Z450 (a and b)	NH	-H	$-CH_3$	-H
Z451 (a and b)	NH	-H	$-CF_3$	-H
Z452 (a and b)	NH	-H	$-OCH_3$	-H
Z453 (a and b)	NH	-H	$-OCH_2CH_3$	-H
Z454 (a and b)	NH	-H	$-OCF_3$	-H
Z455 (a and b)	NH	-H	*-tert*-butyl	-H
Z456 (a and b)	NH	-H	*-iso*-propyl	-H
Z457 (a and b)	NH	-H	$-CH_3$	$-CH_3$
Z458 (a and b)	NH	-H	-H	-H
Z459 (a and b)	NH	-H	-H	-Cl
Z460 (a and b)	NH	-H	-H	-Br
Z461 (a and b)	NH	-H	-H	-F
Z462 (a and b)	NH	-H	-H	$-CH_3$
Z463 (a and b)	NH	-H	-H	$-CF_3$
Z464 (a and b)	NH	-H	-H	$-OCH_3$
Z465 (a and b)	NH	-H	-H	$-OCH_2CH_3$
Z466 (a and b)	NH	-H	-H	$-OCF_3$
Z467 (a and b)	NH	-H	-H	*-tert*-butyl
Z468 (a and b)	NH	-H	-H	*-iso*-propyl
Z469 (a and b)	NH	-Cl	-Cl	-H
Z470 (a and b)	NH	-Cl	-Br	-H
Z471 (a and b)	NH	-Cl	-F	-H
Z472 (a and b)	NH	-Cl	$-CH_3$	-H
Z473 (a and b)	NH	-Cl	$-CF_3$	-H
Z474 (a and b)	NH	-Cl	$-OCH_3$	-H
Z475 (a and b)	NH	-Cl	$-OCH_2CH_3$	-H
Z476 (a and b)	NH	-Cl	$-OCF_3$	-H
Z477 (a and b)	NH	-Cl	*-tert*-butyl	-H
Z478 (a and b)	NH	-Cl	*-iso*-propyl	-H
Z479 (a and b)	NH	-Cl	$-CH_3$	$-CH_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
Z480 (a and b)	NH	-Cl	-H	-H
Z481 (a and b)	NH	-Cl	-H	$-CH_3$
Z482 (a and b)	NH	-Cl	-H	-Cl
Z483 (a and b)	NH	-Cl	-H	-Br
Z484 (a and b)	NH	-Cl	-H	-F
Z485 (a and b)	NH	-Cl	-H	$-CF_3$
Z486 (a and b)	NH	-Cl	-H	$-OCH_3$
Z487 (a and b)	NH	-Cl	-H	$-OCH_2CH_3$
Z488 (a and b)	NH	-Cl	-H	$-OCF_3$
Z489 (a and b)	NH	-Cl	-H	*-tert*-butyl
Z490 (a and b)	NH	-Cl	-H	*-iso*-propyl
Z491 (a and b)	NH	-Cl	-H	$-OCF_3$
Z492 (a and b)	NH	-Cl	-H	*-tert*-butyl
Z493 (a and b)	NH	-Cl	-H	*-iso*-propyl
Z494 (a and b)	NH	$-CH_3$	-Cl	-H
Z495 (a and b)	NH	$-CH_3$	-Br	-H
Z496 (a and b)	NH	$-CH_3$	-F	-H
Z497 (a and b)	NH	$-CH_3$	$-CH_3$	-H
Z498 (a and b)	NH	$-CH_3$	$-CF_3$	-H
Z499 (a and b)	NH	$-CH_3$	$-OCH_3$	-H
Z500 (a and b)	NH	$-CH_3$	$-OCH_2CH_3$	-H
Z501 (a and b)	NH	$-CH_3$	$-OCF_3$	-H
Z502 (a and b)	NH	$-CH_3$	*-tert*-butyl	-H
Z503 (a and b)	NH	$-CH_3$	*-iso*-propyl	-H
Z504 (a and b)	NH	$-CH_3$	$-CH_3$	$-CH_3$
Z505 (a and b)	NH	$-CH_3$	-H	-H
Z506 (a and b)	NH	$-CH_3$	-H	-Cl
Z507 (a and b)	NH	$-CH_3$	-H	-Br
Z508 (a and b)	NH	$-CH_3$	-H	-F
Z509 (a and b)	NH	$-CH_3$	-H	$-CH_3$
Z510 (a and b)	NH	$-CH_3$	-H	$-CF_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
Z511 (a and b)	NH	$-CH_3$	-H	$-OCH_3$
Z512 (a and b)	NH	$-CH_3$	-H	$-OCH_2CH_3$
Z513 (a and b)	NH	$-CH_3$	-H	$-OCF_3$
Z514 (a and b)	NH	$-CH_3$	-H	*-tert*-butyl
Z515 (a and b)	NH	$-CH_3$	-H	*-iso*-propyl
Z516 (a and b)	NH	$-CF_3$	-Cl	-H
Z517 (a and b)	NH	$-CF_3$	-Br	-H
Z518 (a and b)	NH	$-CF_3$	-F	-H
Z519 (a and b)	NH	$-CF_3$	$-CH_3$	-H
Z520 (a and b)	NH	$-CF_3$	$-CF_3$	-H
Z521 (a and b)	NH	$-CF_3$	$-OCH_3$	-H
Z522 (a and b)	NH	$-CF_3$	$-OCH_2CH_3$	-H
Z523 (a and b)	NH	$-CF_3$	$-OCF_3$	-H
Z524 (a and b)	NH	$-CF_3$	*-tert*-butyl	-H
Z525 (a and b)	NH	$-CF_3$	*-iso*-propyl	-H
Z526 (a and b)	NH	$-CF_3$	$-CH_3$	$-CH_3$
Z527 (a and b)	NH	$-CF_3$	-H	-H
Z528 (a and b)	NH	$-CF_3$	-H	-Cl
Z529 (a and b)	NH	$-CF_3$	-H	-Br
Z530 (a and b)	NH	$-CF_3$	-H	-F
Z531 (a and b)	NH	$-CF_3$	-H	$-CH_3$
Z532 (a and b)	NH	$-CF_3$	-H	$-CF_3$
Z533 (a and b)	NH	$-CF_3$	-H	$-OCH_3$
Z534 (a and b)	NH	$-CF_3$	-H	$-OCH_2CH_3$
Z535 (a and b)	NH	$-CF_3$	-H	$-OCF_3$
Z536 (a and b)	NH	$-CF_3$	-H	*-tert*-butyl
Z537 (a and b)	NH	$-CF_3$	-H	*-iso*-propyl
Z538 (a and b)	NH	$-CHF_2$	-Cl	-H
Z539 (a and b)	NH	$-CHF_2$	-Br	-H
Z540 (a and b)	NH	$-CHF_2$	-F	-H
Z541 (a and b)	NH	$-CHF_2$	$-CH_3$	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
Z542 (a and b)	NH	$-CHF_2$	$-CF_3$	-H
Z543 (a and b)	NH	$-CHF_2$	$-OCH_3$	-H
Z544 (a and b)	NH	$-CHF_2$	$-OCH_2CH_3$	-H
Z545 (a and b)	NH	$-CHF_2$	$-OCF_3$	-H
Z546 (a and b)	NH	$-CHF_2$	*-tert*-butyl	-H
Z547 (a and b)	NH	$-CHF_2$	*-iso*-propyl	-H
Z548 (a and b)	NH	$-CHF_2$	$-CH_3$	$-CH_3$
Z549 (a and b)	NH	$-CHF_2$	-H	-H
Z550 (a and b)	NH	$-CHF_2$	-H	-Cl
Z551 (a and b)	NH	$-CHF_2$	-H	-Br
Z552 (a and b)	NH	$-CHF_2$	-H	-F
Z553 (a and b)	NH	$-CHF_2$	-H	$-CH_3$
Z554 (a and b)	NH	$-CHF_2$	-H	$-CF_3$
Z555 (a and b)	NH	$-CHF_2$	-H	$-OCH_3$
Z556 (a and b)	NH	$-CHF_2$	-H	$-OCH_2CH_3$
Z557 (a and b)	NH	$-CHF_2$	-H	$-OCF_3$
Z558 (a and b)	NH	$-CHF_2$	-H	*-tert*-butyl
Z559 (a and b)	NH	$-CHF_2$	-H	*-iso*-propyl
Z560 (a and b)	NH	-OH	-Cl	-H
Z561 (a and b)	NH	-OH	-Br	-H
Z562 (a and b)	NH	-OH	-F	-H
Z563 (a and b)	NH	-OH	$-CH_3$	-H
Z564 (a and b)	NH	-OH	$-CF_3$	-H
Z565 (a and b)	NH	-OH	$-OCH_3$	-H
Z566 (a and b)	NH	-OH	$-OCH_2CH_3$	-H
Z567 (a and b)	NH	-OH	$-OCF_3$	-H
Z568 (a and b)	NH	-OH	*-tert*-butyl	-H
Z569 (a and b)	NH	-OH	*-iso*-propyl	-H
Z570 (a and b)	NH	-OH	$-CH_3$	$-CH_3$
Z571 (a and b)	NH	-OH	-H	-H
Z572 (a and b)	NH	-OH	-H	-Cl

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
Z573 (a and b)	NH	-OH	-H	-Br
Z574 (a and b)	NH	-OH	-H	-F
Z575 (a and b)	NH	-OH	-H	$-CH_3$
Z576 (a and b)	NH	-OH	-H	$-CF_3$
Z577 (a and b)	NH	-OH	-H	$-OCH_3$
Z578 (a and b)	NH	-OH	-H	$-OCH_2CH_3$
Z579 (a and b)	NH	-OH	-H	$-OCF_3$
Z580 (a and b)	NH	-OH	-H	*-tert*-butyl
Z581 (a and b)	NH	-OH	-H	*-iso*-propyl
Z582 (a and b)	NH	$-NO_2$	-Cl	-H
Z583 (a and b)	NH	$-NO_2$	-Br	-H
Z584 (a and b)	NH	$-NO_2$	-F	-H
Z585 (a and b)	NH	$-NO_2$	$-CH_3$	-H
Z586 (a and b)	NH	$-NO_2$	$-CF_3$	-H
Z587 (a and b)	NH	$-NO_2$	$-OCH_3$	-H
Z588 (a and b)	NH	$-NO_2$	$-OCH_2CH_3$	-H
Z589 (a and b)	NH	$-NO_2$	$-OCF_3$	-H
Z590 (a and b)	NH	$-NO_2$	*-tert*-butyl	-H
Z591 (a and b)	NH	$-NO_2$	*-iso*-propyl	-H
Z592 (a and b)	NH	$-NO_2$	$-CH_3$	$-CH_3$
Z593 (a and b)	NH	$-NO_2$	-H	-H
Z594 (a and b)	NH	$-NO_2$	-H	-Cl
Z595 (a and b)	NH	$-NO_2$	-H	-Br
Z596 (a and b)	NH	$-NO_2$	-H	-F
Z597 (a and b)	NH	$-NO_2$	-H	$-CH_3$
Z598 (a and b)	NH	$-NO_2$	-H	$-CF_3$
Z599 (a and b)	NH	$-NO_2$	-H	$-OCH_3$
Z600 (a and b)	NH	$-NO_2$	-H	$-OCH_2CH_3$
Z601 (a and b)	NH	$-NO_2$	-H	$-OCF_3$
Z602 (a and b)	NH	$-NO_2$	-H	*-tert*-butyl
Z603 (a and b)	NH	$-NO_2$	-H	*-iso*-propyl

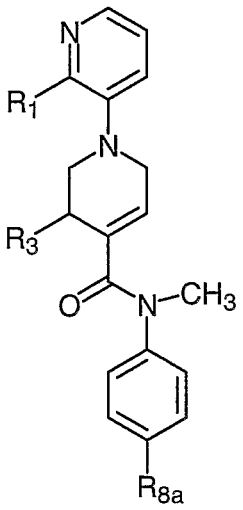
Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
Z604 (a and b)	NH	-CN	-Br	-H
Z605 (a and b)	NH	-CN	-Cl	-H
Z606 (a and b)	NH	-CN	-F	-H
Z607 (a and b)	NH	-CN	$-CH_3$	-H
Z608 (a and b)	NH	-CN	$-CF_3$	-H
Z609 (a and b)	NH	-CN	$-OCH_3$	-H
Z610 (a and b)	NH	-CN	$-OCH_2CH_3$	-H
Z611 (a and b)	NH	-CN	$-OCF_3$	-H
Z612 (a and b)	NH	-CN	*-tert*-butyl	-H
Z613 (a and b)	NH	-CN	*-iso*-propyl	-H
Z614 (a and b)	NH	-CN	$-CH_3$	$-CH_3$
Z615 (a and b)	NH	-CN	-H	-H
Z616 (a and b)	NH	-CN	-H	-Cl
Z617 (a and b)	NH	-CN	-H	-Br
Z618 (a and b)	NH	-CN	-H	-F
Z619 (a and b)	NH	-CN	-H	$-CH_3$
Z620 (a and b)	NH	-CN	-H	$-CF_3$
Z621 (a and b)	NH	-CN	-H	$-OCH_3$
Z622 (a and b)	NH	-CN	-H	$-OCH_2CH_3$
Z623 (a and b)	NH	-CN	-H	$-OCF_3$
Z624 (a and b)	NH	-CN	-H	*-tert*-butyl
Z625 (a and b)	NH	-CN	-H	*-iso*-propyl
Z626 (a and b)	NH	-Br	-Br	-H
Z627 (a and b)	NH	-Br	-Cl	-H
Z628 (a and b)	NH	-Br	-F	-H
Z629 (a and b)	NH	-Br	$-CH_3$	-H
Z630 (a and b)	NH	-Br	$-CF_3$	-H
Z631 (a and b)	NH	-Br	$-OCH_3$	-H
Z632 (a and b)	NH	-Br	$-OCH_2CH_3$	-H
Z633 (a and b)	NH	-Br	$-OCF_3$	-H
Z634 (a and b)	NH	-Br	*-tert*-butyl	-H

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
Z635 (a and b)	NH	-Br	*-iso*-propyl	-H
Z636 (a and b)	NH	-Br	$-CH_3$	$-CH_3$
Z637 (a and b)	NH	-Br	-H	-H
Z638 (a and b)	NH	-Br	-H	-Cl
Z639 (a and b)	NH	-Br	-H	-Br
Z640 (a and b)	NH	-Br	-H	-F
Z641 (a and b)	NH	-Br	-H	$-CH_3$
Z642 (a and b)	NH	-Br	-H	$-CF_3$
Z643 (a and b)	NH	-Br	-H	$-OCH_3$
Z644 (a and b)	NH	-Br	-H	$-OCH_2CH_3$
Z645 (a and b)	NH	-Br	-H	$-OCF_3$
Z646 (a and b)	NH	-Br	-H	*-tert*-butyl
Z647 (a and b)	NH	-Br	-H	*-iso*-propyl
Z648 (a and b)	NH	-I	-Cl	-H
Z649 (a and b)	NH	-I	-Br	-H
Z650 (a and b)	NH	-I	-F	-H
Z651 (a and b)	NH	-I	$-CH_3$	-H
Z652 (a and b)	NH	-I	$-CF_3$	-H
Z653 (a and b)	NH	-I	$-OCH_3$	-H
Z654 (a and b)	NH	-I	$-OCH_2CH_3$	-H
Z655 (a and b)	NH	-I	$-OCF_3$	-H
Z656 (a and b)	NH	-I	*-tert*-butyl	-H
Z657 (a and b)	NH	-I	*-iso*-propyl	-H
Z658 (a and b)	NH	-I	$-CH_3$	$-CH_3$
Z659 (a and b)	NH	-I	-H	-H
Z660 (a and b)	NH	-I	-H	-Cl
Z661 (a and b)	NH	-I	-H	-Br
Z662 (a and b)	NH	-I	-H	-F
Z663 (a and b)	NH	-I	-H	$-CH_3$
Z664 (a and b)	NH	-I	-H	$-CF_3$
Z665 (a and b)	NH	-I	-H	$-OCH_3$

Compound	Y	R_1	$(R_8)_a$	$(R_8)_b$
Z666 (a and b)	NH	-I	-H	$-OCH_2CH_3$
Z667 (a and b)	NH	-I	-H	$-OCF_3$
Z668 (a and b)	NH	-I	-H	*-tert*-butyl
Z669 (a and b)	NH	-I	-H	*-iso*-propyl

(a) means that R_3 is -H.
(b) means that R_3 is $-CH_3$.

Table 27



(Iaa)

and pharmaceutically acceptable salts thereof, wherein:

Compound	R_1	R_{8a}
AA1 (a and b)	-H	-H
AA2 (a and b)	-H	-*tert*-butyl
AA3 (a and b)	-H	-*iso*-butyl
AA4 (a and b)	-H	-*sec*-butyl
AA5 (a and b)	-H	-*iso*-propyl
AA6 (a and b)	-H	-n-propyl
AA7 (a and b)	-H	-cyclohexyl
AA8 (a and b)	-H	-*tert*-butoxy
AA9 (a and b)	-H	-isopropoxy
AA10 (a and b)	-H	$-CF_3$
AA11 (a and b)	-H	$-CH_2CF_3$
AA12 (a and b)	-H	$-OCF_3$
AA13 (a and b)	-H	-Cl
AA14 (a and b)	-H	-Br
AA15 (a and b)	-H	-I

Compound	R_1	R_{8a}
AA16 (a and b)	-H	-n-butyl
AA17 (a and b)	-H	$-CH_3$
AA18 (a and b)	-H	$-SCF_3$
AA19 (a and b)	-H	$-N(CH_2CH_3)_2$
AA20 (a and b)	-H	$-OCF_2CHF_2$
AA21 (a and b)	-H	$-C(OH)(CF_3)_2$
AA22 (a and b)	-H	-(1,1-dimethyl-pentyl)
AA23 (a and b)	-H	-(1,1-dimethyl-acetic acid) ethyl ester
AA24 (a and b)	-H	-*N*-piperidinyl
AA25 (a and b)	-Cl	-H
AA26 (a and b)	-Cl	-*tert*-butyl
AA27 (a and b)	-Cl	-*iso*-butyl
AA28 (a and b)	-Cl	-*sec*-butyl
AA29 (a and b)	-Cl	-*iso*-propyl
AA30 (a and b)	-Cl	-n-propyl
AA31 (a and b)	-Cl	-cyclohexyl
AA32 (a and b)	-Cl	-*tert*-butoxy
AA33 (a and b)	-Cl	-isopropoxy
AA34 (a and b)	-Cl	$-CF_3$
AA35 (a and b)	-Cl	$-CH_2CF_3$
AA36 (a and b)	-Cl	$-OCF_3$
AA37 (a and b)	-Cl	-Cl
AA38 (a and b)	-Cl	-Br
AA39 (a and b)	-Cl	-I
AA40 (a and b)	-Cl	-n-butyl
AA41 (a and b)	-Cl	$-CH_3$
AA42 (a and b)	-Cl	$-SCF_3$
AA43 (a and b)	-Cl	$-N(CH_2CH_3)_2$
AA44 (a and b)	-Cl	$-OCF_2CHF_2$
AA45 (a and b)	-Cl	$-C(OH)(CF_3)_2$

Compound	R_1	R_{8a}
AA46 (a and b)	-Cl	-(1,1-dimethyl-pentyl)
AA47 (a and b)	-Cl	-(1,1-dimethyl-acetic acid) ethyl ester
AA48 (a and b)	-Cl	-*N*-piperidinyl
AA49 (a and b)	-F	-H
AA50 (a and b)	-F	-*tert*-butyl
AA51 (a and b)	-F	-*iso*-butyl
AA52 (a and b)	-F	-*sec*-butyl
AA53 (a and b)	-F	-*iso*-propyl
AA54 (a and b)	-F	-n-propyl
AA55 (a and b)	-F	-cyclohexyl
AA56 (a and b)	-F	-*tert*-butoxy
AA57 (a and b)	-F	-isopropoxy
AA58 (a and b)	-F	$-CF_3$
AA59 (a and b)	-F	$-CH_2CF_3$
AA60 (a and b)	-F	$-OCF_3$
AA61 (a and b)	-F	-Cl
AA62 (a and b)	-F	-Br
AA63 (a and b)	-F	-I
AA64 (a and b)	-F	-n-butyl
AA65 (a and b)	-F	$-CH_3$
AA66 (a and b)	-F	$-SCF_3$
AA67 (a and b)	-F	$-N(CH_2CH_3)_2$
AA68 (a and b)	-F	$-OCF_2CHF_2$
AA69 (a and b)	-F	$-C(OH)(CF_3)_2$
AA70 (a and b)	-F	-(1,1-dimethyl-pentyl)
AA71 (a and b)	-F	-(1,1-dimethyl-acetic acid) ethyl ester
AA72 (a and b)	-F	-*N*-piperidinyl
AA73 (a and b)	$-CH_3$	-H
AA74 (a and b)	$-CH_3$	-*iso*-butyl
AA75 (a and b)	$-CH_3$	-*tert*-butyl

Compound	R_1	R_{8a}
AA76 (a and b)	$-CH_3$	-*sec*-butyl
AA77 (a and b)	$-CH_3$	-*iso*-propyl
AA78 (a and b)	$-CH_3$	-n-propyl
AA79 (a and b)	$-CH_3$	-cyclohexyl
AA80 (a and b)	$-CH_3$	-*tert*-butoxy
AA81 (a and b)	$-CH_3$	-isopropoxy
AA82 (a and b)	$-CH_3$	$-CF_3$
AA83 (a and b)	$-CH_3$	$-CH_2CF_3$
AA84 (a and b)	$-CH_3$	$-OCF_3$
AA85 (a and b)	$-CH_3$	-Cl
AA86 (a and b)	$-CH_3$	-Br
AA87 (a and b)	$-CH_3$	-I
AA88 (a and b)	$-CH_3$	-n-butyl
AA89 (a and b)	$-CH_3$	$-CH_3$
AA90 (a and b)	$-CH_3$	$-SCF_3$
AA91 (a and b)	$-CH_3$	$-N(CH_2CH_3)_2$
AA92 (a and b)	$-CH_3$	$-OCF_2CHF_2$
AA93 (a and b)	$-CH_3$	$-C(OH)(CF_3)_2$
AA94 (a and b)	$-CH_3$	-(1,1-dimethyl-pentyl)
AA95 (a and b)	$-CH_3$	-(1,1-dimethyl-acetic acid) ethyl ester
AA96 (a and b)	$-CH_3$	-*N*-piperidinyl
AA97 (a and b)	$-CF_3$	-H
AA98 (a and b)	$-CF_3$	-*tert*-butyl
AA99 (a and b)	$-CF_3$	-*iso*-butyl
AA100 (a and b)	$-CF_3$	-*sec*-butyl
AA101 (a and b)	$-CF_3$	-*iso*-propyl
AA102 (a and b)	$-CF_3$	-n-propyl
AA103 (a and b)	$-CF_3$	-cyclohexyl
AA104 (a and b)	$-CF_3$	-*tert*-butoxy
AA105 (a and b)	$-CF_3$	-isopropoxy

Compound	R_1	R_{8a}
AA106 (a and b)	$-CF_3$	$-CF_3$
AA107 (a and b)	$-CF_3$	$-CH_2CF_3$
AA108 (a and b)	$-CF_3$	$-OCF_3$
AA109 (a and b)	$-CF_3$	-Cl
AA110 (a and b)	$-CF_3$	-Br
AA111 (a and b)	$-CF_3$	-I
AA112 (a and b)	$-CF_3$	-n-butyl
AA113 (a and b)	$-CF_3$	$-CH_3$
AA114 (a and b)	$-CF_3$	$-SCF_3$
AA115 (a and b)	$-CF_3$	$-N(CH_2CH_3)_2$
AA116 (a and b)	$-CF_3$	$-OCF_2CHF_2$
AA117 (a and b)	$-CF_3$	$-C(OH)(CF_3)_2$
AA118 (a and b)	$-CF_3$	-(1,1-dimethyl-pentyl)
AA119 (a and b)	$-CF_3$	-(1,1-dimethyl-acetic acid) ethyl ester
AA120 (a and b)	$-CF_3$	-*N*-piperidinyl
AA121 (a and b)	$-CHF_2$	-*tert*-butyl
AA122 (a and b)	$-CHF_2$	-H
AA123 (a and b)	$-CHF_2$	-*iso*-butyl
AA124 (a and b)	$-CHF_2$	-*sec*-butyl
AA125 (a and b)	$-CHF_2$	-*iso*-propyl
AA126 (a and b)	$-CHF_2$	-n-propyl
AA127 (a and b)	$-CHF_2$	-cyclohexyl
AA128 (a and b)	$-CHF_2$	-*tert*-butoxy
AA129 (a and b)	$-CHF_2$	-isopropoxy
AA130 (a and b)	$-CHF_2$	$-CF_3$
AA131 (a and b)	$-CHF_2$	$-CH_2CF_3$
AA132 (a and b)	$-CHF_2$	$-OCF_3$
AA133 (a and b)	$-CHF_2$	-Cl
AA134 (a and b)	$-CHF_2$	-Br
AA135 (a and b)	$-CHF_2$	-I

Compound	R_1	R_{8a}
AA136 (a and b)	$-CHF_2$	-n-butyl
AA137 (a and b)	$-CHF_2$	$-CH_3$
AA138 (a and b)	$-CHF_2$	$-SCF_3$
AA139 (a and b)	$-CHF_2$	$-N(CH_2CH_3)_2$
AA140 (a and b)	$-CHF_2$	$-OCF_2CHF_2$
AA141 (a and b)	$-CHF_2$	$-C(OH)(CF_3)_2$
AA142 (a and b)	$-CHF_2$	-(1,1-dimethyl-pentyl)
AA143 (a and b)	$-CHF_2$	-(1,1-dimethyl-acetic acid) ethyl ester
AA144 (a and b)	$-CHF_2$	-*N*-piperidinyl
AA145 (a and b)	-OH	-H
AA146 (a and b)	-OH	-*tert*-butyl
AA147 (a and b)	-OH	-*iso*-butyl
AA148 (a and b)	-OH	-*sec*-butyl
AA149 (a and b)	-OH	-*iso*-propyl
AA150 (a and b)	-OH	-n-propyl
AA151 (a and b)	-OH	-cyclohexyl
AA152 (a and b)	-OH	-*tert*-butoxy
AA153 (a and b)	-OH	-isopropoxy
AA154 (a and b)	-OH	$-CF_3$
AA155 (a and b)	-OH	$-CH_2CF_3$
AA156 (a and b)	-OH	$-OCF_3$
AA157 (a and b)	-OH	-Cl
AA158 (a and b)	-OH	-Br
AA159 (a and b)	-OH	-I
AA160 (a and b)	-OH	-n-butyl
AA161 (a and b)	-OH	$-CH_3$
AA162 (a and b)	-OH	$-SCF_3$
AA163 (a and b)	-OH	$-N(CH_2CH_3)_2$
AA164 (a and b)	-OH	$-OCF_2CHF_2$
AA165 (a and b)	-OH	$-C(OH)(CF_3)_2$

Compound	R_1	R_{8a}
AA166 (a and b)	-OH	-(1,1-dimethyl-pentyl)
AA167 (a and b)	-OH	-(1,1-dimethyl-acetic acid) ethyl ester
AA168 (a and b)	-OH	-*N*-piperidinyl
AA169 (a and b)	$-NO_2$	-H
AA170 (a and b)	$-NO_2$	-*tert*-butyl
AA171 (a and b)	$-NO_2$	-*iso*-butyl
AA172 (a and b)	$-NO_2$	-*sec*-butyl
AA173 (a and b)	$-NO_2$	-*iso*-propyl
AA174 (a and b)	$-NO_2$	-n-propyl
AA175 (a and b)	$-NO_2$	-cyclohexyl
AA176 (a and b)	$-NO_2$	-*tert*-butoxy
AA177 (a and b)	$-NO_2$	-isopropoxy
AA178 (a and b)	$-NO_2$	$-CF_3$
AA179 (a and b)	$-NO_2$	$-CH_2CF_3$
AA180 (a and b)	$-NO_2$	$-OCF_3$
AA181 (a and b)	$-NO_2$	-Cl
AA182 (a and b)	$-NO_2$	-Br
AA183 (a and b)	$-NO_2$	-I
AA184 (a and b)	$-NO_2$	-n-butyl
AA185 (a and b)	$-NO_2$	$-CH_3$
AA186 (a and b)	$-NO_2$	$-SCF_3$
AA187 (a and b)	$-NO_2$	$-N(CH_2CH_3)_2$
AA188 (a and b)	$-NO_2$	$-OCF_2CHF_2$
AA189 (a and b)	$-NO_2$	$-C(OH)(CF_3)_2$
AA190 (a and b)	$-NO_2$	-(1,1-dimethyl-pentyl)
AA191 (a and b)	$-NO_2$	-(1,1-dimethyl-acetic acid) ethyl ester
AA192 (a and b)	$-NO_2$	-*N*-piperidinyl
AA193 (a and b)	-CN	-H
AA194 (a and b)	-CN	-*tert*-butyl
AA195 (a and b)	-CN	-*iso*-butyl

Compound	R_1	R_{8a}
AA196 (a and b)	-CN	-*sec*-butyl
AA197 (a and b)	-CN	-*iso*-propyl
AA198 (a and b)	-CN	-n-propyl
AA199 (a and b)	-CN	-cyclohexyl
AA200 (a and b)	-CN	-*tert*-butoxy
AA201 (a and b)	-CN	-isopropoxy
AA202 (a and b)	-CN	$-CF_3$
AA203 (a and b)	-CN	$-CH_2CF_3$
AA204 (a and b)	-CN	$-OCF_3$
AA205 (a and b)	-CN	-Cl
AA206 (a and b)	-CN	-Br
AA207 (a and b)	-CN	-I
AA208 (a and b)	-CN	-n-butyl
AA209 (a and b)	-CN	$-CH_3$
AA210 (a and b)	-CN	$-SCF_3$
AA211 (a and b)	-CN	$-N(CH_2CH_3)_2$
AA212 (a and b)	-CN	$-OCF_2CHF_2$
AA213 (a and b)	-CN	$-C(OH)(CF_3)_2$
AA214 (a and b)	-CN	-(1,1-dimethyl-pentyl)
AA215 (a and b)	-CN	-(1,1-dimethyl-acetic acid) ethyl ester
AA216 (a and b)	-CN	-*N*-piperidinyl
AA217 (a and b)	-Br	-H
AA218 (a and b)	-Br	-*tert*-butyl
AA219 (a and b)	-Br	-*iso*-butyl
AA220 (a and b)	-Br	-*sec*-butyl
AA221 (a and b)	-Br	-*iso*-propyl
AA222 (a and b)	-Br	-n-propyl
AA223 (a and b)	-Br	-cyclohexyl
AA224 (a and b)	-Br	-*tert*-butoxy
AA225 (a and b)	-Br	-isopropoxy

Compound	R_1	R_{8a}
AA226 (a and b)	-Br	$-CF_3$
AA227 (a and b)	-Br	$-CH_2CF_3$
AA228 (a and b)	-Br	$-OCF_3$
AA229 (a and b)	-Br	-Cl
AA230 (a and b)	-Br	-Br
AA231 (a and b)	-Br	-I
AA232 (a and b)	-Br	-n-butyl
AA233 (a and b)	-Br	$-CH_3$
AA234 (a and b)	-Br	$-SCF_3$
AA235 (a and b)	-Br	$-N(CH_2CH_3)_2$
AA236 (a and b)	-Br	$-OCF_2CHF_2$
AA237 (a and b)	-Br	$-C(OH)(CF_3)_2$
AA238 (a and b)	-Br	-(1,1-dimethyl-pentyl)
AA239 (a and b)	-Br	-(1,1-dimethyl-acetic acid) ethyl ester
AA240 (a and b)	-Br	-*N*-piperidinyl
AA241 (a and b)	-I	-*tert*-butyl
AA242 (a and b)	-I	-H
AA243 (a and b)	-I	-*iso*-butyl
AA244 (a and b)	-I	-*sec*-butyl
AA245 (a and b)	-I	-*iso*-propyl
AA246 (a and b)	-I	-n-propyl
AA247 (a and b)	-I	-cyclohexyl
AA248 (a and b)	-I	-*tert*-butoxy
AA249 (a and b)	-I	-isopropoxy
AA250 (a and b)	-I	$-CF_3$
AA251 (a and b)	-I	$-CH_2CF_3$
AA252 (a and b)	-I	$-OCF_3$
AA253 (a and b)	-I	-Cl
AA254 (a and b)	-I	-Br
AA255 (a and b)	-I	-I

Compound	R_1	R_{8a}
AA256 (a and b)	-I	-n-butyl
AA257 (a and b)	-I	$-CH_3$
AA258 (a and b)	-I	$-SCF_3$
AA259 (a and b)	-I	$-N(CH_2CH_3)_2$
AA260 (a and b)	-I	$-OCF_2CHF_2$
AA261 (a and b)	-I	$-C(OH)(CF_3)_2$
AA262 (a and b)	-I	-(1,1-dimethyl-pentyl)
AA263 (a and b)	-I	-(1,1-dimethyl-acetic acid) ethyl ester
AA264 (a and b)	-I	-*N*-piperidinyl

(a) means that R_3 is -H.
(b) means that R_3 is $-CH_3$.

4.2 DEFINITIONS

As used in connection with the Cyclo(hetero)alkenyl Compounds herein, the terms used above having following meaning:

"-(C_1-C_{10})alkyl" means a straight chain or branched non-cyclic hydrocarbon having from 1 to 10 carbon atoms. Representative straight chain -(C_1-C_{10})alkyls include -methyl, -ethyl, -n-propyl, -n-butyl, -n-pentyl, -n-hexyl, -n-heptyl, -n-octyl, -n-nonyl, and -n-decyl. Representative branched -(C_1-C_{10})alkyls include -*iso*-propyl, -*sec*-butyl, -*iso*-butyl, -*tert*-butyl, -*iso*-pentyl, -neopentyl, 1-methylbutyl, 2-methylbutyl, 3-methylbutyl, 1,1-dimethylpropyl, 1,2-dimethylpropyl, 1-methylpentyl, 2-methylpentyl, 3-methylpentyl, 4-methylpentyl, 1-ethylbutyl, 2-ethylbutyl, 3-ethylbutyl, 1,1-dimethylbutyl, 1,2-dimethylbutyl, 1,3-dimethylbutyl, 2,2-dimethylbutyl, 2,3-dimethylbutyl, 3,3-dimethylbutyl, 1-methylhexyl, 2-methylhexyl, 3-methylhexyl, 4-methylhexyl, 5-methylhexyl, 1,2-dimethylpentyl, 1,3-dimethylpentyl, 1,2-dimethylhexyl, 1,3-dimethylhexyl, 3,3-dimethylhexyl, 1,2-dimethylheptyl, 1,3-dimethylheptyl, and 3,3-dimethylheptyl.

"-(C_1-C_6)alkyl" means a straight chain or branched non-cyclic hydrocarbon having from 1 to 6 carbon atoms. Representative straight chain -(C_1-C_6)alkyls include -methyl, -ethyl, -n-propyl, -n-butyl, -n-pentyl, and -n-hexyl. Representative branched -(C_1-C_6)alkyls include -*iso*-propyl, -*sec*-butyl, -*iso*-butyl, -*tert*-butyl, -*iso*-pentyl, -neopentyl, 1-methylbutyl, 2-methylbutyl, 3-methylbutyl, 1,1-dimethylpropyl, 1,2-dimethylpropyl, 1-methylpentyl, 2-methylpentyl, 3-methylpentyl, 4-methylpentyl, 1-ethylbutyl, 2-ethylbutyl, 3-ethylbutyl, 1,1-dimethtylbutyl, 1,2-dimethylbutyl, 1,3-dimethylbutyl, 2,2-dimethylbutyl, 2,3-dimethylbutyl, and 3,3-dimethylbutyl.

"-(C_1-C_4)alkyl" means a straight chain or branched non-cyclic hydrocarbon having from 1 to 4 carbon atoms. Representative straight chain -(C_1-C_4)alkyls include -methyl, -ethyl, -n-propyl, and -n-butyl. Representative branched -(C_1-C_4)alkyls include -*iso*-propyl, -*sec*-butyl, -*iso*-butyl, and -*tert*-butyl.

"-(C_2-C_{10})alkenyl" means a straight chain or branched non-cyclic hydrocarbon having from 2 to 10 carbon atoms and including at least one carbon-carbon double bond. Representative straight chain and branched (C_2-C_{10})alkenyls include -vinyl, -allyl,

-1-butenyl, -2-butenyl, -*iso*-butylenyl, -1-pentenyl, -2-pentenyl, -3-methyl-1-butenyl, -2-methyl-2-butenyl, -2,3-dimethyl-2-butenyl, -1-hexenyl, -2-hexenyl, -3-hexenyl, -1-heptenyl, -2-heptenyl, -3-heptenyl, -1-octenyl, -2-octenyl, -3-octenyl, -1-nonenyl, -2-nonenyl, -3-nonenyl, -1-decenyl, -2-decenyl, -3-decenyl and the like.

"-(C_2-C_6)alkenyl" means a straight chain or branched non-cyclic hydrocarbon having from 2 to 6 carbon atoms and including at least one carbon-carbon double bond. Representative straight chain and branched (C_2-C_6)alkenyls include -vinyl, -allyl, -1-butenyl, -2-butenyl, -*iso*-butylenyl, -1-pentenyl, -2-pentenyl, -3-methyl-1-butenyl, -2-methyl-2-butenyl, -2,3-dimethyl-2-butenyl, -1-hexenyl, 2-hexenyl, 3-hexenyl and the like.

"-(C_2-C_{10})alkynyl" means a straight chain or branched non-cyclic hydrocarbon having from 2 to 10 carbon atoms and including at least one carbon-carbon triple bond. Representative straight chain and branched -(C_2-C_{10})alkynyls include -acetylenyl, -propynyl, -1-butynyl, -2-butynyl, -1-pentynyl, -2-pentynyl, -3-methyl-1-butynyl, -4-pentynyl, -1-hexynyl, -2-hexynyl, -5-hexynyl, -1-heptynyl, -2-heptynyl, -6-heptynyl, -1-octynyl, -2-octynyl, -7-octynyl, -1-nonynyl, -2-nonynyl, -8-nonynyl, -1-decynyl, -2-decynyl, -9-decynyl and the like.

"-(C_2-C_6)alkynyl" means a straight chain or branched non-cyclic hydrocarbon having from 2 to 6 carbon atoms and including at least one carbon-carbon triple bond. Representative straight chain and branched (C_2-C_6)alkynyls include -acetylenyl, -propynyl, -1-butynyl, -2-butynyl, -1-pentynyl, -2-pentynyl, -3-methyl-1-butynyl, -4-pentynyl, -1-hexynyl, -2-hexynyl, -5-hexynyl and the like.

"-(C_3-C_{10})cycloalkyl" means a saturated cyclic hydrocarbon having from 3 to 10 carbon atoms. Representative (C_3-C_{10})cycloalkyls are -cyclopropyl, -cyclobutyl, -cyclopentyl, -cyclohexyl, -cycloheptyl, -cyclooctyl, -cyclononyl, and -cyclodecyl.

"-(C_3-C_8)cycloalkyl" means a saturated cyclic hydrocarbon having from 3 to 8 carbon atoms. Representative (C_3-C_8)cycloalkyls include -cyclopropyl, -cyclobutyl, -cyclopentyl, -cyclohexyl, -cycloheptyl, and -cyclooctyl.

"-(C_8-C_{14})bicycloalkyl" means a bi-cyclic hydrocarbon ring system having from 8 to 14 carbon atoms and at least one saturated cyclic alkyl ring. Representative -(C_8-

C_{14})bicycloalkyls include -indanyl, -1,2,3,4-tetrahydronaphthyl, -5,6,7,8-tetrahydronaphthyl, -perhydronaphthyl and the like.

"-(C_8-C_{14})tricycloalkyl" means a tri-cyclic hydrocarbon ring system having from 8 to 14 carbon atoms and at least one saturated cyclic alkyl ring. Representative -(C_8-C_{14})tricycloalkyls include -pyrenyl, -1,2,3,4-tetrahydroanthracenyl, -perhydroanthracenyl -aceanthreneyl, -1,2,3,4-tetrahydropenanthrenyl, -5,6,7,8-tetrahydrophenanthrenyl, -perhydrophenanthrenyl and the like.

"-(C_5-C_{10})cycloalkenyl" means a cyclic non-aromatic hydrocarbon having at least one carbon-carbon double bond in the cyclic system and from 5 to 10 carbon atoms. Representative (C_5-C_{10})cycloalkenyls include -cyclopentenyl, -cyclopentadienyl, -cyclohexenyl, -cyclohexadienyl,-cycloheptenyl, -cycloheptadienyl, -cycloheptatrienyl, -cyclooctenyl, -cyclooctadienyl, -cyclooctatrienyl, -cyclooctatetraenyl, -cyclononenyl, -cyclononadienyl, -cyclodecenyl, -cyclodecadienyl and the like.

"-(C_5-C_8)cycloalkenyl" means a cyclic non-aromatic hydrocarbon having at least one carbon-carbon double bond in the cyclic system and from 5 to 8 carbon atoms. Representative (C_5-C_8)cycloalkenyls include -cyclopentenyl, -cyclopentadienyl, -cyclohexenyl, -cyclohexadienyl, -cycloheptenyl, -cycloheptadienyl, -cycloheptatrienyl, -cyclooctenyl, -cyclooctadienyl, -cyclooctatrienyl, -cyclooctatetraenyl and the like.

"-(C_8-C_{14})bicycloalkenyl" means a bi-cyclic hydrocarbon ring system having at least one carbon-carbon double bond in each ring and from 8 to 14 carbon atoms. Representative -(C8-C14)bicycloalkenyls include -indenyl, -pentalenyl, -naphthalenyl, -azulenyl, -heptalenyl, -1,2,7,8-tetrahydronaphthalenyl and the like.

"-(C_8-C_{14})tricycloalkenyl" means a tri-cyclic hydrocarbon ring system having at least one carbon-carbon double bond in each ring and from 8 to 14 carbon atoms. Representative -(C_8-C_{14})tricycloalkenyls include -anthracenyl, -phenanthrenyl, -phenalenyl, -acenaphthalenyl, as-indacenyl, s-indacenyl and the like.

"-(3- to 7-membered)heterocycle" or "-(3- to 7-membered)heterocyclo" means a 3- to 7-membered monocyclic heterocyclic ring which is either saturated, unsaturated non-aromatic, or aromatic. A 3- or a 4-membered heterocycle can contain up to 3 heteroatoms, a 5-membered heterocycle can contain up to 4 heteroatoms, a 6-membered heterocycle can contain up to 6 heteroatoms, and a 7-membered heterocycle can contain

up to 7 heteroatoms. Each heteroatom is independently selected from nitrogen, which can be quaternized; oxygen; and sulfur, including sulfoxide and sulfone. The -(3- to 7-membered)heterocycle can be attached via a nitrogen or carbon atom. Representative -(3- to 7-membered)heterocycles include pyridyl, furyl, thiophenyl, pyrrolyl, oxazolyl, imidazolyl, thiazolyl, thiadiazolyl, isoxazolyl, pyrazolyl, isothiazolyl, pyridazinyl, pyrimidinyl, pyrimidinyl, triazinyl, morpholinyl, pyrrolidinonyl, pyrrolidinyl, piperidinyl, piperazinyl, hydantoinyl, valerolactamyl, oxiranyl, oxetanyl, tetrahydrofuranyl, tetrahydropyranyl, tetrahydropyrindinyl, tetrahydropyrimidinyl, tetrahydrothiophenyl, tetrahydrothiopyranyl and the like.

"-(3- to 5-membered)heterocycle" or "-(3- to 5-membered)heterocyclo" means a 3- to 5-membered monocyclic heterocyclic ring which is either saturated, unsaturated non-aromatic, or aromatic. A 3- or 4-membered heterocycle can contain up to 3 heteroatoms and a 5-membered heterocycle can contain up to 4 heteroatoms. Each heteroatom is independently selected from nitrogen, which can be quaternized; oxygen; and sulfur, including sulfoxide and sulfone. The -(3- to 5-membered)heterocycle can be attached via a nitrogen or carbon atom. Representative -(3- to 5-membered)heterocycles include furyl, thiophenyl, pyrrolyl, oxazolyl, imidazolyl, thiazolyl, isoxazolyl, pyrazolyl, isothiazolyl, triazinyl, pyrrolidinonyl, pyrrolidinyl, hydantoinyl, oxiranyl, oxetanyl, tetrahydrofuranyl, tetrahydrothiophenyl and the like.

"-(7- to 10-membered)bicycloheterocycle" or "-(7- to 10-membered)bicycloheterocyclo" means a 7- to 10-membered bicyclic, heterocyclic ring which is either saturated, unsaturated non-aromatic, or aromatic. A -(7- to 10-membered)bicycloheterocycle contains from 1 to 4 heteroatoms independently selected from nitrogen, which can be quaternized; oxygen; and sulfur, including sulfoxide and sulfone. The -(7- to 10-membered)bicycloheterocycle can be attached via a nitrogen or carbon atom. Representative -(7- to 10-membered)bicycloheterocycles include -quinolinyl, -isoquinolinyl, -chromonyl, -coumarinyl, -indolyl, -indolizinyl, -benzo[b]furanyl, -benzo[b]thiophenyl, -indazolyl, -purinyl, -4H-quinolizinyl, -isoquinolyl, -quinolyl, -phthalazinyl, -naphthyridinyl, -carbazolyl, -β-carbolinyl and the like.

"-(C_{14})aryl" means a 14-membered aromatic carbocyclic moiety such as -anthryl or -phenanthryl.

"-(5- to 10-membered)heteroaryl" means an aromatic heterocycle ring of 5 to 10 members, including both mono- and bicyclic ring systems, wherein at least one carbon atom of one or both of the rings is replaced with a heteroatom independently selected from nitrogen, oxygen, and sulfur. In one embodiment one of the -(5- to 10-membered)heteroaryl's rings contain at least one carbon atom. In another embodiment both of the -(5- to 10-membered)heteroaryl's rings contain at least one carbon atom. Representative -(5- to 10-membered)heteroaryls include pyridyl, furyl, benzofuranyl, thiophenyl, benzothiophenyl, quinolinyl, pyrrolyl, indolyl, oxazolyl, benzoxazolyl, imidazolyl, benzimidazolyl, thiazolyl, benzothiazolyl, isoxazolyl, pyrazolyl, isothiazolyl, pyridazinyl, pyrimidinyl, pyrimidinyl, thiadiazolyl, triazinyl, cinnolinyl, phthalazinyl, and quinazolinyl.

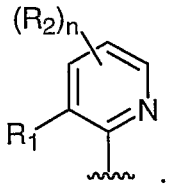
"-CH_2(halo)" means a methyl group wherein one of the hydrogens of the methyl group has been replaced with a halogen. Representative -CH_2(halo) groups include -CH_2F, -CH_2Cl, -CH_2Br, and -CH_2I.

"-$CH(halo)_2$" means a methyl group wherein two of the hydrogens of the methyl group have been replaced with a halogen. Representative -$CH(halo)_2$ groups include -CHF_2, -$CHCl_2$, -$CHBr_2$, -CHBrCl, -CHClI, and -CHI_2.

"-$C(halo)_3$"means a methyl group wherein each of the hydrogens of the methyl group has been replaced with a halogen. Representative -$C(halo)_3$ groups include -CF_3, -CCl_3, -CBr_3, and -CI_3.

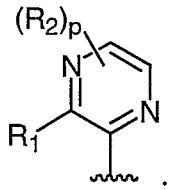
"-Halogen" or "-Halo" means -F, -Cl, -Br, or -I.

The phrase "pyridyl group" means



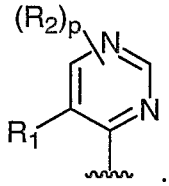
wherein R_1, R_2, and n are defined above for the Cyclo(hetero)alkenyl Compounds of Formula (I).

The phrase "pyrazinyl group" means,



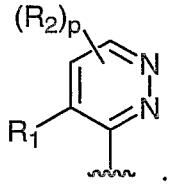
wherein R_1, R_2, and p are defined above for the Cyclo(hetero)alkenyl Compounds of Formula (I).

The phrase "pyrimidinyl group" means



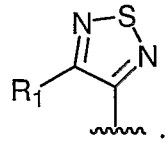
wherein R_1, R_2, and p are defined above for the Cyclo(hetero)alkenyl Compounds of Formula (I).

The phrase "pyridazinyl group" means



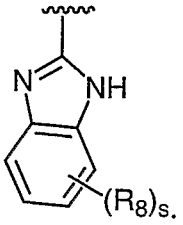
wherein R_1, R_2, and p are defined above for the Cyclo(hetero)alkenyl Compounds of Formula (I).

The phrase "thiadiazolyl group" means



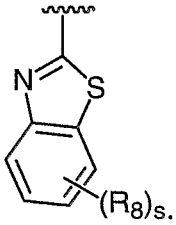
wherein R_1 is defined above for the Cyclo(hetero)alkenyl Compounds of Formula (I).

The phrase "benzoimidazolyl group " means



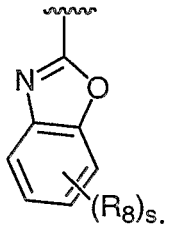
wherein R_8 and s are defined above for the Cyclo(hetero)alkenyl Compounds of Formula (I).

The phrase "benzothiazolyl group" means



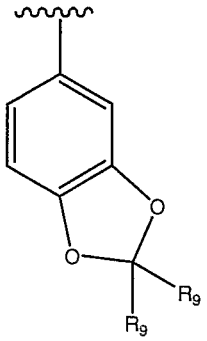
wherein R_8 and s are defined above for the Cyclo(hetero)alkenyl Compounds of Formula (I).

The phrase "benzooxazolyl group" means



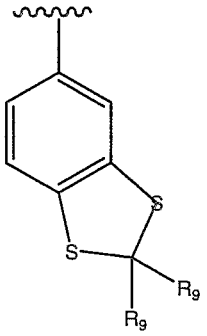
wherein R_8 and s are defined above for the Cyclo(hetero)alkenyl Compounds of Formula (I).

The phrase "5-benzodioxolyl group" means



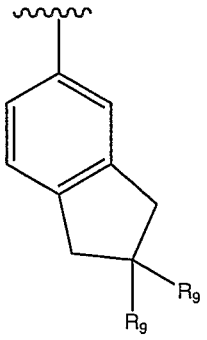
where each R_9 is independently -H, -halo, or -(C_1-C_6)alkyl.

The phrase "5-benzodithiolyl group" means



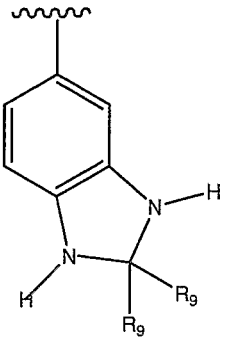
where each R_9 is independently -H, -halo, or -(C_1-C_6)alkyl.

The phrase "5-dihydroindenyl group" means



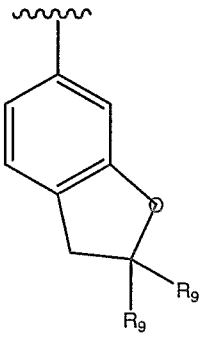
where each R_9 is independently -H, -halo, or -(C_1-C_6)alkyl.

The phrase "5-dihydrobenzoimidazolyl group" means



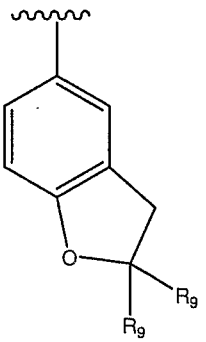
where each R_9 is independently -H, -halo, or -(C_1-C_6)alkyl.

The phrase "6-dihydrobenzofuranyl group" means



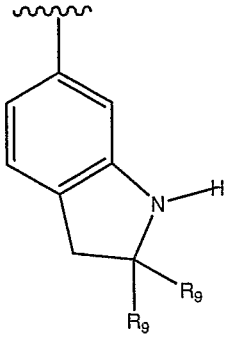
where each R_9 is independently -H, -halo, or -(C_1-C_6)alkyl.

The phrase "5-dihydrobenzofuranyl group" means



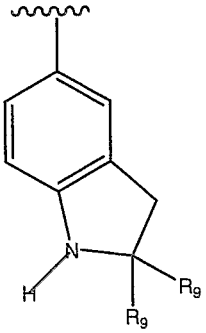
where each R_9 is independently -H, -halo, or -(C_1-C_6)alkyl.

The phrase "6-indolinyl group" means



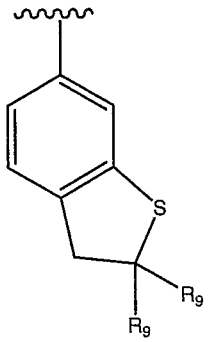
where each R_9 is independently -H, -halo, or -(C_1-C_6)alkyl.

The phrase "5-indolinyl group" means



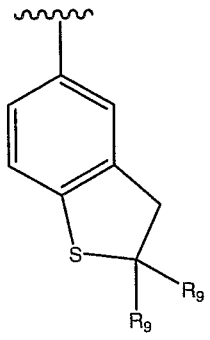
where each R_9 is independently -H, -halo, or -(C_1-C_6)alkyl.

The phrase "6-dihydrobenzothiopheneyl group" means



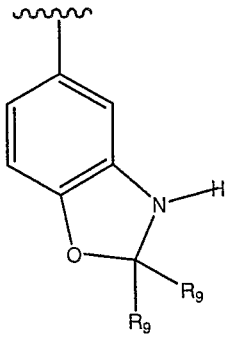
where each R_9 is independently -H, -halo, or -(C_1-C_6)alkyl.

The phrase "5-dihydrobenzothiopheneyl group" means



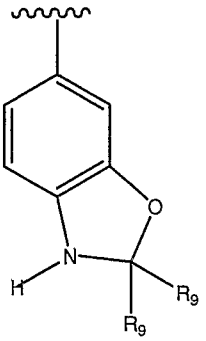
where each R_9 is independently -H, -halo, or -(C_1-C_6)alkyl.

The phrase "5-dihydrobenzooxazolyl group" means



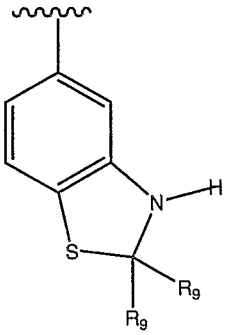
where each R_9 is independently -H, -halo, or -(C_1-C_6)alkyl.

The phrase "6-dihydrobenzooxazolyl group" means



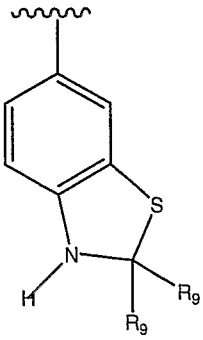
where each R_9 is independently -H, -halo, or -(C_1-C_6)alkyl.

The phrase "5-dihydrobenzothiazolyl group" means



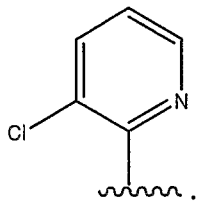
where each R_9 is independently -H, -halo, or -(C_1-C_6)alkyl.

The phrase "6-dihydrobenzothiazolyl group" means

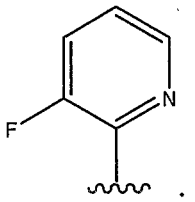


where each R_9 is independently -H, -halo, or -(C_1-C_6)alkyl.

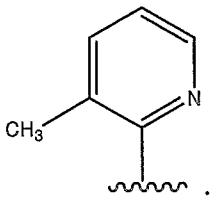
The phrase "2-(3-chloropyridyl)" means



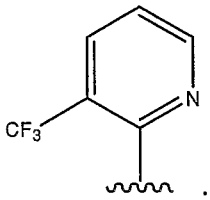
The phrase "2-(3-fluoropyridyl)" means



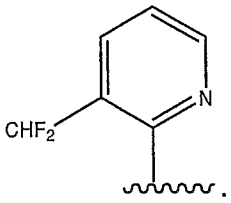
The phrase "2-(3-methylpyridyl)" means



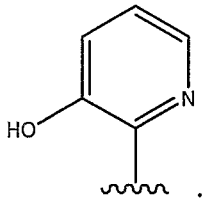
The phrase "2-(3-CF_3-pyridyl)" means



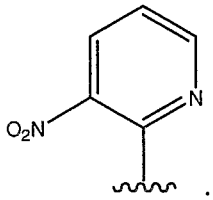
The phrase "2-(3-CHF_2-pyridyl)" means



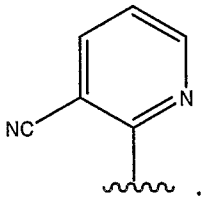
The phrase "2-(3-hydroxypyridyl)" means



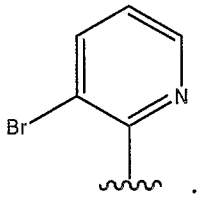
The phrase "2-(3-nitropyridyl)" means



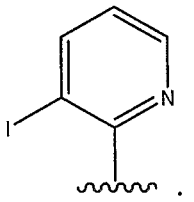
The phrase "2-(3-cyanopyridyl)" means



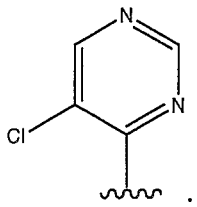
The phrase "2-(3-bromopyridyl)" means



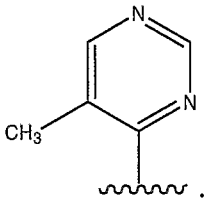
The phrase "2-(3-iodopyridyl)" means



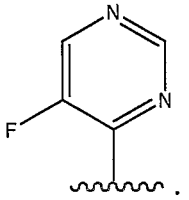
The phrase "4-(5-chloropyrimidinyl)" means



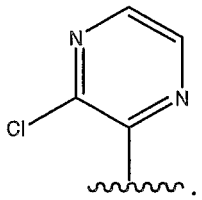
The phrase "4-(5-methylpyrimidinyl)" means



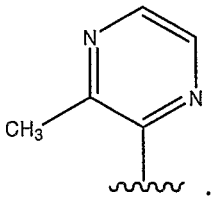
The phrase "4-(5-fluoropyrimidinyl)" means



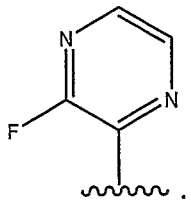
The phrase "2-(3-chloropyrazinyl)" means



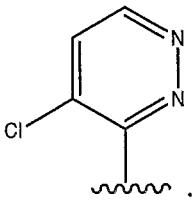
The phrase "2-(3-methylpyrazinyl)" means



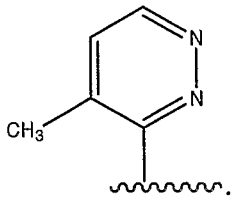
The phrase "2-(3-fluoropyrazinyl)" means



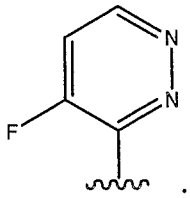
The phrase "3-(4-chloropyridazinyl)" means



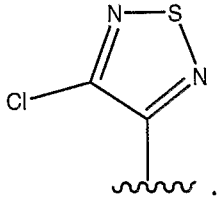
The phrase "3-(4-methylpyridazinyl)" means



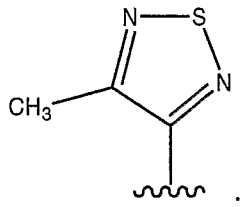
The phrase "3-(4-fluoropyridazinyl)" means



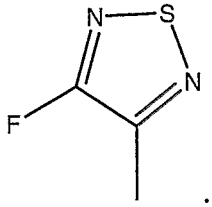
The phrase "5-(4-chlorothiadiazolyl)" means



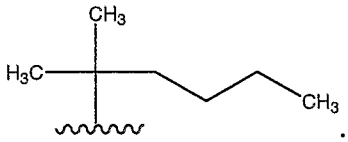
The phrase "5-(4-methylthiadiazolyl)" means



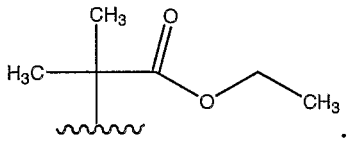
The phrase "5-(4-fluorothiadiazolyl)" means



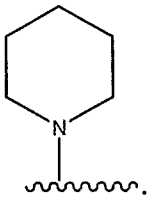
The phrase "-(1,1-dimethyl-pentyl)" means



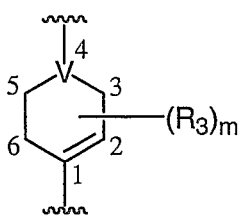
The phrases "-(1,1-dimethyl-acetic acid) ethyl ester" and "2-methylpropionic acid ethyl ester" mean



The phrases "-(*N*-piperidinyl)" and "(piperidin-1-yl)-" mean



The phrase "cyclo(hetero)alkenyl ring" means



wherein V, R_3 and m are defined above and the numbers designate the position of each atom of the cyclo(hetero)alkenyl ring. The language "(hetero)" means that V is either: N, in which case the cyclo(hetero)alkenyl ring is a tetrahydropyridyl ring; or CH, in which case the cyclo(hetero)alkenyl ring is a cycloalkenyl ring.

The term "animal," includes, but is not limited to, a cow, monkey, baboon, chimpanzee, horse, sheep, pig, chicken, turkey, quail, cat, dog, mouse, rat, rabbit, guinea pig, and human.

The phrase "pharmaceutically acceptable salt," as used herein, is any pharmaceutically acceptable salt that can be prepared from a Cyclo(hetero)alkenyl Compound, including a salt formed from an acid and a basic functional group, such as a nitrogen group, of one of the Cyclo(hetero)alkenyl Compounds. Illustrative salts include, but are not limited, to sulfate, citrate, acetate, oxalate, chloride, bromide, iodide, nitrate, bisulfate, phosphate, acid phosphate, isonicotinate, lactate, salicylate, acid citrate, tartrate, oleate, tannate, pantothenate, bitartrate, ascorbate, succinate, maleate, gentisinate, fumarate, gluconate, glucoronate, saccharate, formate, benzoate, glutamate, methanesulfonate, ethanesulfonate, benzenesulfonate, *p*-toluenesulfonate, and pamoate (*i.e.*, 1,1'-methylene-bis-(2-hydroxy-3-naphthoate)) salts. The term "pharmaceutically acceptable salt" also includes a salt prepared from a Cyclo(hetero)alkenyl Compound having an acidic functional group, such as a carboxylic acid functional group, and a pharmaceutically acceptable inorganic or organic base. Suitable bases include, but are not limited to, hydroxides of alkali metals such as sodium, potassium, and lithium; hydroxides of alkaline earth metal such as calcium and magnesium; hydroxides of other metals, such as aluminum and zinc; ammonia and organic amines, such as unsubstituted or hydroxy-substituted mono-, di-, or trialkylamines; dicyclohexylamine; tributyl amine; pyridine; N-methyl,N-ethylamine; diethylamine; triethylamine; mono-, bis-, or tris-(2-hydroxy-lower alkyl amines), such as mono-, bis-, or tris-(2-hydroxyethyl)amine, 2-hydroxy-*tert*-butylamine, or tris-(hydroxymethyl)methylamine, N,N,-di-lower alkyl-N-(hydroxy lower alkyl)-amines, such as N,N,-dimethyl-N-(2-hydroxyethyl)amine, or tri-(2-hydroxyethyl)amine; N-methyl-D-glucamine; and amino acids such as arginine, lysine and the like.

The phrase "effective amount," when used in connection with a Cyclo(hetero)alkenyl Compound means an amount effective for: (a) treating or preventing a Condition; or (b) inhibiting VR1, mGluR1, or mGluR5 function in a cell.

The phrase "effective amount," when used in connection with another therapeutic agent means an amount for providing the therapeutic effect of the other therapeutic agent.

When a first group is "substituted with one or more" second groups, one or more hydrogen atoms of the first group is replaced with a corresponding number of second groups. When the number of second groups is two or greater, each second group can be the same or different. In one embodiment, the number of second groups is one or two. In another embodiment, the number of second groups is one.

The term "THF" means tetrahydrofuran.

The term "DCM" means dichloromethane.

The term "DCE" means dichloroethane, e.g., 1,1-dichloroethane, 1,2-dichloroethane, or mixtures thereof.

The term "DMF" means dimethylformamide.

The term "DMSO" means dimethyl sulfoxide.

The term "DIEA" means diisopropylethylamine.

The term "TFA" means trifluoroacetic acid.

The term "EtOAc" means ethyl acetate.

The term "Dppp" means 1,3-bis(diphenylphosphino)propane.

The term "$Pd(OAc)_2$" means palladium acetate.

The term "IBD" means inflammatory-bowel disease.

The term "IBS" means irritable-bowel syndrome.

The term "ALS" means amyotrophic lateral sclerosis.

The term "LiHMDS" means lithium hexamethyldisilazide.

The phrases "treatment of," "treating" and the like include the amelioration or cessation of a Condition or a symptom thereof.

In one embodiment, treating includes inhibiting, for example, decreasing the overall frequency of episodes of a Condition or a symptom thereof.

The phrases "prevention of," "preventing" and the like include the avoidance of the onset of a Condition or a symptom thereof.

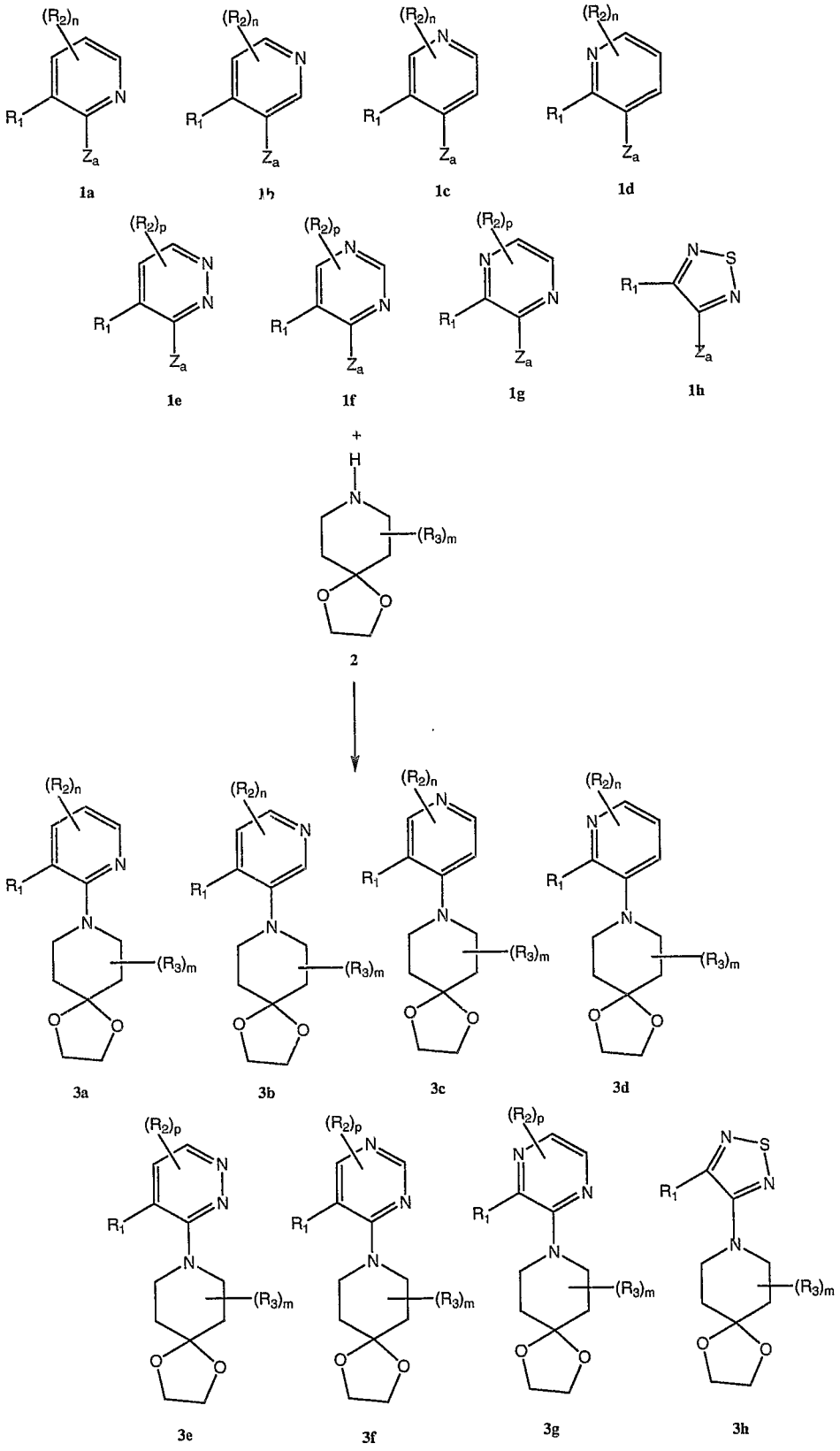
4.3 Methods for Making the Cyclo(Hetero)Alkenyl Compounds

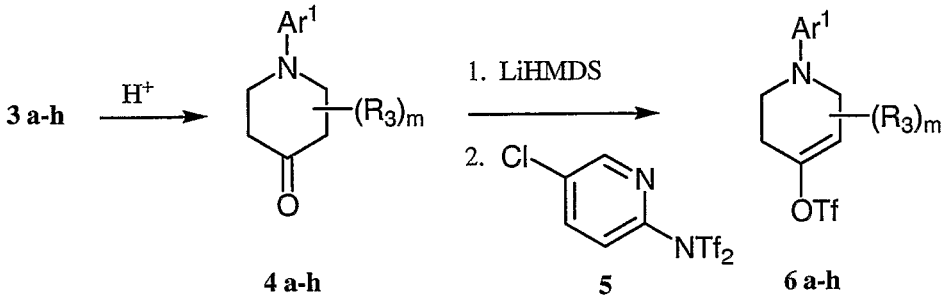
The Cyclo(hetero)alkenyl Compounds can be made using conventional organic synthesis or by the following illustrative methods shown in the schemes below.

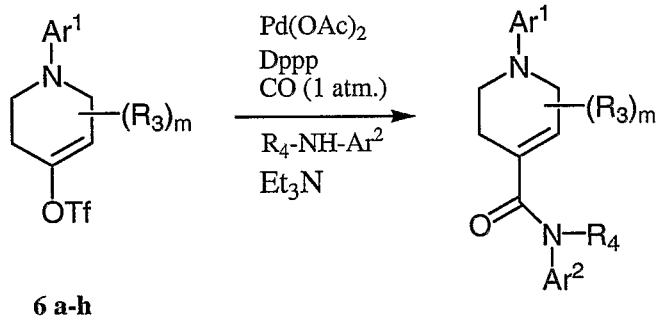
4.3.1 Methods for Making the Cyclo(hetero)alkenyl Compounds Where V is N

In one embodiment, the present invention relates to methods for making the Cyclo(hetero)alkenyl Compounds where V is N by the following non-limiting illustrative method shown below in Scheme **A**.

Scheme A





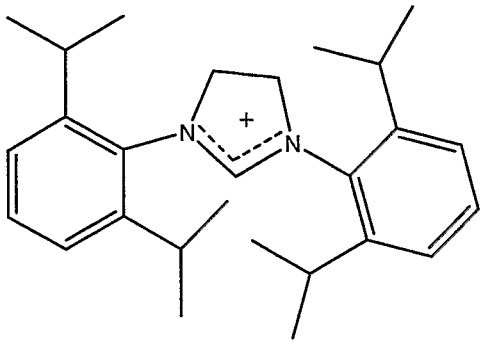


(II) Cyclo(hetero)alkenyl Compound Where V is N

where R_1, R_2, R_3, R_4, Ar^1, Ar^2, m, n and p are defined above and Z_a is a halogen.

About 1 eq. of a Compound of Formula **1 a-h** (1M) and 1 eq. of a Compound of Formula **2** are heated in DMSO in the presence of about 1 eq. of DIEA at a temperature of from about 125°C to about 140°C for about 12 h. The resulting reaction mixture is cooled to about 25°C and the solvent removed, e.g., under reduced pressure, to provide an 8-heteroaromatic-1,4-dioxa-8-aza-spiro[4.5]decane Compound of Formula **3 a-h**. A Compound of Formula **3 a-h** is useful, e.g., as an intermediate for the synthesis of a Cyclo(hetero)alkenyl Compound.

The Compound of Formula **3 a-h** can also be obtained by dissolving about 1 equivalent of a Compound of Formula **1 a-h** (1.5M), a Compound of Formula **2** (about 1.2 eq.), and the sodium salt of 2-methylpropan-2-ol ("NaOtBu", 1.5 eq.) in glyme and degassing the resulting solution by bubbling nitrogen through the solution. After the solution is degassed, tris-(dibenzylideneacetone) dipalladium (0) catalyst (0.02 eq.) and 0.02 eq. of the ligand depicted below



is added to the solution and the resulting reaction mixture is heated at a temperature of about 50°C for about 4.5 h. The reaction mixture is cooled to about 25°C and solids removed by filtering over CELITE. The solvent is then removed, e.g., under reduced pressure, to provide a residue. The resulting residue can be purified, e.g., using a silica gel column eluted with 6:1 hexane:ethyl acetate.

The Compound of Formula **3 a-h** can also be obtained by by dissolving, e.g., in toluene, about 1 equivalent of a Compound of Formula **1 a-h** (1.2M), adding to the solution a Compound of Formula **2** (about 1.1 eq.), followed by the addition of NaOtBu (about 1.1 eq.), $Pd(OAc)_2$ (about 0.05 eq.), and 0.05 eq. Dppp (about 0.05 eq.) to form a reaction mixture. The atmosphere in contact with the reaction mixture is replaced by nitrogen. The reaction mixture is stirred and heated to a temperature of from about 25°C to about the boiling point of the solvent, alternately from about 50°C to about 100°C, for about 3 h. The reaction mixture is cooled to about 25°C and worked-up, e.g., as described above, to provide the Compound of Formula **3 a-h**.

The Compound of Formula **3 a-h** is then reacted with an acid to provide a Compound of Formula **4 a-h.** In one embodiment, the present invention relates to a method for making a Cyclo(hetero)alkenyl Compound comprising allowing a Compound of Formula **3 a-h** to react with an acid. In another embodiment, the acid is an organic acid, such as TFA, an inorganic acid, such as hydrochloric acid, or their mixtures. For example, the Compound of Formula **3 a-h** (0.25M) is reacted with 30% TFA in DCM at a temperature of from about 25°C to about the boiling point of the solvent. Alternatively, the Compound of Formula **3 a-h** (0.25M) is reacted with about 4N HCl in THF at a temperature of about 50°C for about 16 hours. Either resulting reaction mixture is cooled to about 25°C and neutralized with aqueous Na_2CO_3 such that separate aqueous and organic layers form. The organic layer is separated from the aqueous layer. The aqueous layer is then extracted with DCM and the organic layer and the post-extraction DCM are

combined and dried, e.g., with $MgSO_4$ or Na_2SO_4. The solvent is removed, e.g., under reduced pressure, to provide a 1-heteroaromatic-piperidin-4-one Compound of Formula **4 a-h**. The Compound of Formula **4 a-h** can be purified, e.g., using a silica gel column eluted with 15:1 hexane:ethyl acetate. A Compound of Formula **4 a-h** is useful, e.g., as an intermediate for the synthesis of a Cyclo(hetero)alkenyl Compound.

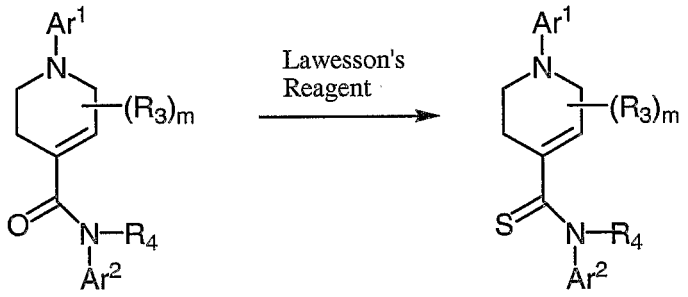
In one embodiment, the present invention relates to a method for making a Cyclo(hetero)alkenyl Compound comprising allowing a Compound of Formula **4 a-h** to react with LiHMDS and then an excess triflimide. For example, the Compound of Formula **4 a-h** (1 eq.) is reacted with 1.25 eq. of LiHMDS at about -78°C and the resulting reaction mixture allowed to stir at about -78°C for about 2 h. After stirring for about 2 h, an excess of N-(5-chloro-2-pyridyl)triflimide **5** (1.05 eq. in one embodiment, 3 eq. in another embodiment) is added to the reaction mixture at a temperature of about -78°C. The reaction mixture is stirred for about 2.5 h at a temperature of about -78°C and then allowed to warm to about 25°C. The solvent is removed, e.g., under reduced pressure, to provide a residue that can be purified, e.g., using a silica gel column eluted with 10:1 hexane:ethyl acetate to provide a Compound of Formula **6 a-h.** A Compound of Formula **6 a-h** is useful, e.g., as an intermediate for the synthesis of a Cyclo(hetero)alkenyl Compound.

In one embodiment, the present invention relates to a method for making a Cyclo(hetero)alkenyl Compound comprising allowing a Compound of Formula **6 a-h** to react with a compound of formula Ar^2-NHR_4. In another embodiment, the reaction in the presence of an organic base, e.g., a trialkylamine. In another embodiment, the reaction in the presence of $Pd(OAc)_2$ and Dppp. In another embodiment, the reaction in the presence of a carbon monoxide atmosphere. For example, about 1 equivalent of the Compound of Formula **6 a-h** (about 1M), an excess of a compound of formula Ar^2-NHR_4 (about 2 eq.), and a trialkylamine, e.g., triethylamine (from about 1.1 to about 20 eq., about 2.2 eq. in one embodiment), are dissolved in DMF or THF and the resulting solution is degassed by bubbling nitrogen through the solution. $Pd(OAc)_2$ and Dppp (about 0.2 - 0.3 eq. of each) are added to the solution and the nitrogen atmosphere is replaced with carbon monoxide at a pressure of about 1 atm. The reaction mixture is then heated to about 70°C for about 2 h. The reaction mixture is cooled to about 25°C and the solvent removed, e.g., under reduced pressure, to provide a residue. The resulting residue can be purified, e.g., using a silica gel column eluted with 10:1 hexane:ethyl acetate. Where m = 1, a mixture of

Cyclo(hetero)alkenyl Compounds is generally obtained. The mixture can be separated by conventional methods, for example, column chromatography.

Compounds of formula **2** are commercially available or can be prepared by methods known to those skilled in the art.

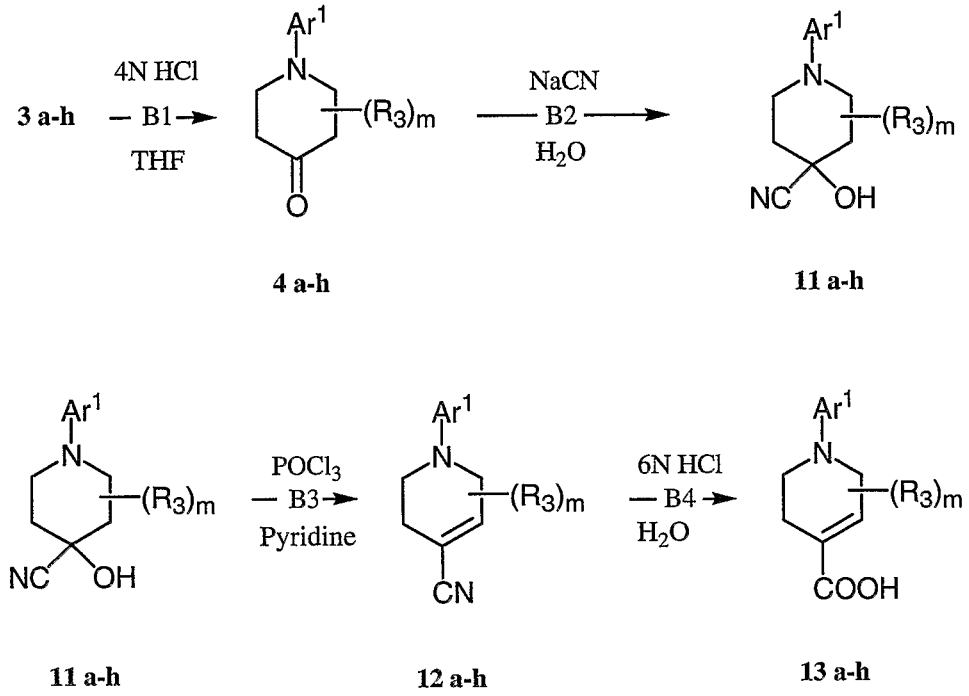
The Compound of Formula (I) where X is S (*i.e.*, the Compound of Formula (II ')) can be made by, e.g., reacting a Compound of Formula (II) (*i.e.*, where X is O) with Lawesson's reagent (*i.e.*, 2,4-bis(4-methoxyphenyl)-1,3-dithia-2,4-diphosphetane-2,4-disulfide) according to the procedures described in *Chem. Let.* 8:713-4 (1995) or *Chem. Let.* 12:1398-9 (2000). In one embodiment, the Compound of Formula (I) where X is S can be made by reacting a Compound of Formula (II) (where X is O) with Lawesson's reagent in a nonpolar solvent such as THF or toluene at a temperature of about 100°C for about 2-3 hours, as shown below:



(II) (II ')

In another embodiment, the present invention relates to methods for making the Cyclo(hetero)alkenyl Compounds where V is N from the 8-heteroaromatic-1,4-dioxa-8-aza-spiro[4.5]decane Compounds of Formula **3 a-h** by the following non-limiting illustrative method shown below in Scheme B.

Scheme B


3 a-h
4N HCl
— B1 →
THF
Ar1
N
(R3)m
O
4 a-h
NaCN
— B2 →
H2O
NC
OH
11 a-h
POCl3
— B3 →
Pyridine
CN
12 a-h
6N HCl
— B4 →
H2O
COOH
13 a-h
DIC /HOBt
DMF
B5
R4-NH-Ar2
SOCl2
B6
Cl
14 a-h
R4-NH-Ar2
B7
(II) Cyclo(hetero)alkenyl Compound Where V is N

where R_3, R_4, Ar^1, Ar^2, and m are defined above.

In Step B1 of Scheme B, the Compound of Formula **3 a-h**, which can be obtained, e.g., as described in Scheme A, is reacted with a ketone-forming reagent, e.g., an inorganic acid such as HCl or H_2SO_4, or an organic acid, such as trifluoroacetic acid. In one embodiment, the present invention relates to a method for making a Cyclo(hetero)alkenyl Compound comprising allowing a Compound of Formula **3 a-h** to react with a ketone-forming reagent. In another embodiment, the ketone-forming reagent is HCl, H_2SO_4, trifluoroacetic acid or a mixture thereof. In another embodiment, the ketone-forming reagent is HCl. In another embodiment, the ketone-forming reagent is H_2SO_4. In another embodiment, the ketone-forming reagent is trifluoroacetic acid.

In certain embodiments, the ketone-forming reagent is present in the reaction in Step B1 at an initial concentration within the range of from about 1N to about 12N, or at an initial concentration within the range of from about 2N to about 6N. In a specific embodiment, the ketone-forming reagent is present in the reaction at an initial concentration of about 4N.

In certain embodiments, the Compound of Formula **3 a-h** is present in the reaction in Step B1 at an initial concentration within the range of from about 0.05M to about 10M, or at an initial concentration within the range of from about 0.1M to about 1M. In a specific embodiment, the Compound of Formula **3 a-h** is present in the reaction at an initial concentration of about 0.25M.

In certain embodiments, the reaction in Step B1 is carried out at a temperature within the range of from about 0°C to about the boiling point of the solvent; at a temperature within the range of from about 15°C to about 100°C; or at a temperature within the range of from about 45°C to about 55°C.

In certain embodiments, the reaction in Step B1 is carried out in a nonpolar solvent, e.g., hexane, heptane, benzene, diethyl ether, THF, pyridine, DCM, DCE, chloroform, carbon tetrachloride and combinations thereof. In one embodiment, the nonpolar solvent is THF, chloroform or combinations thereof. In another embodiment, the nonpolar solvent is THF. In another embodiment, the nonpolar solvent is chloroform.

In certain embodiments, the Compound of Formula **3 a-h** is provided as a salt, e.g., the hydrochloride salt, which can be converted to the free amine, using procedures

known in the art, prior to reaction with the ketone-forming reagent. For example, the hydrochloride salt of the Compound of Formula **3 a-h** is dissolved in a suitable organic solvent, such as but not limited to chloroform, to provide a solution that is extracted with, e.g., a saturated aqueous solution of Na_2CO_3. The organic layer is recovered and the aqueous layer back-extracted with an additional volume of the organic solvent. The organic solvent layers are combined, extracted with water, dried, e.g., over anhydrous sodium sulfate, and then the liquid is removed, such as by evaporation under reduced pressure, e.g., with a rotary evaporator, to provide the Compound of Formula **3 a-h** as the free amine.

The reaction in Step B1 can be carried out at reduced pressure, atmospheric pressure or elevated pressure, i.e., greater than atmospheric pressure. In one embodiment, the reaction is carried out at atmospheric pressure. In certain embodiments, the reaction in Step B1 is carried out in an air atmosphere. In certain embodiments, the reaction in Step B1 is carried out in an inert atmosphere. In one non-limiting aspect of this embodiment, the reaction in Step B1 is carried out under a nitrogen atmosphere. In another non-limiting aspect of this embodiment, the reaction in Step B1 is carried out under an argon atmosphere.

Progress of the reaction in Step B1 can be monitored using conventional analytical techniques, including but not limited to infrared spectroscopy ("IR"), liquid chromatography ("LC"), mass spectrometry ("MS"), liquid chromatography in conjunction with mass spectrometry ("LCMS"), thin-layer chromatography ("TLC"), high-performance liquid chromatography ("HPLC"), gas chromatography ("GC"), gas-liquid chromatography ("GLC"), and/or nuclear magnetic resonance spectroscopy ("NMR"), such as ^1H and ^{13}C NMR. The reaction according to Step B1 is carried out, in one embodiment, until a starting material is consumed or, in another embodiment, until the ratio of product, a Compound of Formula **4 a-h**, to starting material, the Compound of Formula **3 a-h**, remains essentially constant. Typically, a time sufficient for the reaction in Step B1 is within the range of from about 0.5 hours to about 48 hours, from about 1 hour to about 24 hours, or from about 6 hours to about 18 hours. In a specific embodiment, the reaction according to Step B1 is carried out for about 16 hours.

In another embodiment, the reaction according to Step B1 is carried out as described in Scheme A. In another embodiment, the reaction according to Step B1 is

carried out in THF with the Compound of Formula **3 a-h** present at an initial concentration of about 0.35M, with about a 4N initial concentration of HCl, at a temperature of about 50°C, and for a period of about 16 hours with stirring.

The resulting reaction mixture is cooled to about 25°C and neutralized, e.g., with aqueous Na_2CO_3.such that separate aqueous and organic layers form. The organic layer is separated from the aqueous layer. The aqueous layer is then extracted, e.g., with ethyl acetate. The organic layer and the post-extraction aliquot(s) are combined and dried, e.g., with $MgSO_4$ or Na_2SO_4, and the solvent is removed, e.g., under reduced pressure, to provide a 1-heteroaromatic-piperidin-4-one Compound of Formula **4 a-h** which can be used without further purification or, if desired, can be purified, e.g., using a silica gel column eluted with 3:1 hexane:ethyl acetate.

In Step B2 of Scheme B, the 1-heteroaromatic-piperidin-4-one Compound of Formula **4 a-h** is reacted with a cyanation reagent, e.g., a cyanide salt such as NaCN, KCN or LiCN. In one embodiment, the present invention relates to a method for making a Cyclo(hetero)alkenyl Compound comprising allowing a 1-heteroaromatic-piperidin-4-one Compound of Formula **4 a-h** to react with a cyanation reagent. In another embodiment, the cyanide salt is NaCN, KCN, LiCN or a mixture thereof. In another embodiment, the cyanide salt is KCN. In another embodiment, the cyanide salt is NaCN. In another embodiment, the cyanide salt is LiCN. Cyanide salts are commercially available from, e.g., Aldrich Chemical Co., Milwaukee, Wisconsin, or can be prepared by methods known to those skilled in the art.

In certain embodiments, the reaction in Step B2 is carried out with an initial amount of cyanation reagent within the range of from about 1 to about 4 equivalents, or within the range of from about 1.1 to about 2 equivalents, on a molar basis, relative to the Compound of Formula **4 a-h**. In another embodiment, this reaction is carried out with about 1.2 equivalents, on a molar basis, of cyanation reagent, relative to the Compound of Formula **4 a-h**.

In certain embodiments, the Compound of Formula **4 a-h** is present in the reaction in Step B2 at an initial concentration within the range of from about 0.05M to about 10M, or at an initial concentration within the range of from about 0.1M to about 5M. In a specific embodiment, the Compound of Formula **4 a-h** is present in the reaction at an initial concentration of about 0.3M.

In certain embodiments, the reaction in Step B2 is carried out at a temperature within the range of from about 0°C to about 100°C; at a temperature within the range of from about 0°C to about 60°C; or at a temperature within the range of from about 0°C to about 25°C.

In certain embodiments, the reaction in Step B2 is carried out in a polar protic solvent, such as water, an alcohol, e.g., methanol, an organic acid, e.g., acetic acid, an amide, e.g., formamide, or combinations thereof. In one embodiment, the polar protic solvent is water, methanol or combinations thereof. In another embodiment, the polar protic solvent is water. In another embodiment, the polar protic solvent is methanol. In other embodiments, the solvent comprises a mixture of water and a suitable aprotic solvent or solvents, such as acetone, MEK, ethyl acetate, acetonitrile, dioxane, N-methyl-pyrrolidone, DMF, DMAc, DMSO, pyridine, and combinations thereof. In such embodiments the ratio of water to aprotic solvent can be within the range of from about 10:1 to about 1:1 (water:aprotic solvent). In certain embodiments, the aprotic solvent mixed with water is selected from acetone, MEK, ethyl acetate, acetonitrile, dioxane, N-methyl-pyrrolidone, DMF, DMAc, DMSO, pyridine, and combinations thereof.

In certain embodiments, the Compound of Formula **4 a-h** is provided as a salt, e.g., the hydrochloride salt, which can be converted to the free amine, using procedures known in the art, prior to reaction with the cyanide salt. For example, the hydrochloride salt of the Compound of Formula **4 a-h** is dissolved in a suitable organic solvent, such as but not limited to chloroform, to provide a solution that is extracted with, e.g., a saturated aqueous solution of Na_2CO_3. The organic layer is recovered and the aqueous layer back-extracted with an additional volume of the organic solvent. The organic solvent layers are combined, extracted with water, dried, e.g., over anhydrous sodium sulfate, and then the liquid is removed to provide the Compound of Formula **4 a-h** as the free amine.

The reaction in Step B2 can be carried out at reduced pressure, atmospheric pressure or elevated pressure, i.e., greater than atmospheric pressure. In one embodiment, the reaction is carried out at atmospheric pressure. In certain embodiments, the reaction in Step B2 is carried out in an air atmosphere. In certain embodiments, the reaction in Step B2 is carried out in an inert atmosphere. In one non-limiting aspect of this embodiment, the reaction in Step B2 is carried out under a nitrogen atmosphere. In

another non-limiting aspect of this embodiment, the reaction in Step B2 is carried out under an argon atmosphere.

Progress of the reaction in Step B2 can be monitored using conventional analytical techniques, including but not limited to IR, LC, MS, LCMS, TLC, HPLC, GC, GLC and/or NMR. The reaction according to Step B2 is carried out, in one embodiment, until a starting material is consumed or, in another embodiment, until the ratio of product, a Compound of Formula **11 a-h**, to starting material, the Compound of Formula **4 a-h**, remains essentially constant. Typically, a time sufficient for the reaction in Step B2 is within the range of from about 0.5 hours to about 36 hours, from about 1 hour to about 24 hours, or from about 4 hours to about 16 hours. In a specific embodiment, the reaction according to Step B2 is carried out for about 12 hours.

In another embodiment, the reaction according to Step B2 is carried out in water with about 1.2 equivalents, on a molar basis, of a cyanide salt, relative to the Compound of Formula **4 a-h,** at a temperature within the range of from about 0°C to about 25°C for a period of about 12 hours with stirring.

Thereafter, the solvent is removed, e.g., under reduced pressure, to provide a residue that can be purified, e.g., using a silica gel column eluted with 3:1 hexane:ethyl acetate, to provide a 1-heteroaromatic-4-hydroxy-piperidine-4-carbonitrile Compound of Formula **11 a-h**. A Compound of Formula **11 a-h** is useful, e.g., as an intermediate for the synthesis of a Cyclo(hetero)alkenyl Compound.

In Step B3 of Scheme B, the 1-heteroaromatic-4-hydroxy-piperidine-4-carbonitrile Compound of Formula **11 a-h** is reacted with a dehydrogenation agent, e.g., $POCl_3$, $PSCl_3$, PCl_5, $SOCl_2$ or $COCl_2$. In one embodiment, the present invention relates to a method for making a Cyclo(hetero)alkenyl Compound comprising allowing a 1-heteroaromatic-4-hydroxy-piperidine-4-carbonitrile Compound of Formula **11 a-h** to react with a dehydrogenation agent. In another embodiment, the dehydrogenation agent is $POCl_3$, $PSCl_3$, PCl_5, $SOCl_2$, $COCl_2$ or a mixture thereof. In another embodiment, the dehydrogenation agent is $POCl_3$, $PSCl_3$, $SOCl_2$ or a mixture thereof. In another embodiment, the dehydrogenation agent is $POCl_3$, $PSCl_3$ or a mixture thereof. In another embodiment, the dehydrogenation agent is $POCl_3$. In another embodiment, the dehydrogenation agent is $PSCl_3$. In another embodiment, the dehydrogenation agent is $SOCl_2$. In another embodiment, the dehydrogenation agent is $COCl_2$.

Such dehydrogenation agents are commercially available from, e.g., Aldrich Chemical Co., or can be prepared by methods known to those skilled in the art.

In certain embodiments, the reaction in Step B3 is carried out with an initial amount of dehydrogenation agent within the range of from about 1 to about 10 equivalents, or within the range of from about 1.5 to about 4 equivalents, on a molar basis, relative to the Compound of Formula **11 a-h**. In another embodiment, this reaction is carried out with about 2.2 equivalents, on a molar basis, of dehydrogenation agent, relative to the Compound of Formula **11 a-h**.

In certain embodiments, the Compound of Formula **11 a-h** is present in the reaction in Step B3 at an initial concentration within the range of from about 0.05M to about 10M, or at an initial concentration within the range of from about 0.1M to about 2M. In a specific embodiment, the Compound of Formula **11 a-h** is present in the reaction at an initial concentration of about 0.25M.

In certain embodiments, the reaction in Step B3 is carried out at a temperature within the range of from about 0°C to about 100°C; at a temperature within the range of from about 0°C to about 60°C; or at a temperature within the range of from about 15°C to about 30°C.

In certain embodiments, the reaction in Step B3 is carried out in an aprotic solvent, e.g., acetone, MEK, ethyl acetate, acetonitrile, dioxane, N-methyl-pyrrolidone, DMF, DMAc, DMSO, pyridine, and combinations thereof. In one embodiment, the aprotic solvent is pyridine, dioxane or combinations thereof. In another embodiment, the aprotic solvent is pyridine. In another embodiment, the aprotic solvent is dioxane.

In certain embodiments, the Compound of Formula **11 a-h** is provided as a salt, e.g., the hydrochloride salt, which can be converted to the free amine, using procedures known in the art, prior to reaction with the dehydrogenation agent. For example, the hydrochloride salt of the Compound of Formula **11 a-h** is dissolved in a suitable organic solvent, such as but not limited to chloroform, to provide a solution that is extracted with, e.g., a saturated aqueous solution of Na_2CO_3. The organic layer is recovered and the aqueous layer back-extracted with an additional volume of the organic solvent. The organic solvent layers are combined, extracted with water, dried, e.g., over anhydrous

sodium sulfate, and then the liquid is removed to provide the Compound of Formula **11 a-h** as the free amine.

The reaction in Step B3 can be carried out at reduced pressure, atmospheric pressure or elevated pressure, i.e., greater than atmospheric pressure. In one embodiment, the reaction is carried out at atmospheric pressure. In certain embodiments, the reaction in Step B3 is carried out in an inert atmosphere. In one non-limiting aspect of this embodiment, the reaction in Step B3 is carried out under a nitrogen atmosphere. In another non-limiting aspect of this embodiment, the reaction in Step B3 is carried out under an argon atmosphere.

Progress of the reaction in Step B3 can be monitored using conventional analytical techniques, including but not limited to IR, LC, MS, LCMS, TLC, HPLC, GC, GLC and/or NMR. The reaction according to Step B3 is carried out, in one embodiment, until a starting material is consumed or, in another embodiment, until the ratio of product, a Compound of Formula **12 a-h**, to starting material, the Compound of Formula **11 a-h**, remains essentially constant. Typically, a time sufficient for the reaction in Step B3 is within the range of from about 0.5 hours to about 48 hours, from about 2 hours to about 36 hours, or from about 4 hours to about 24 hours. In a specific embodiment, the reaction according to Step B3 is carried out for about 22 hours.

In another embodiment, the reaction according to Step B3 is carried out in pyridine with about 2.2 equivalents, on a molar basis, of a dehydrogenation agent, relative to the Compound of Formula **11 a-h,** at a temperature within the range of from about 20°C to about 25°C for a period of about 22 hours with stirring.

Thereafter, the solvent is removed, e.g., under reduced pressure, to provide a residue that can be purified, e.g., using a silica gel column eluted with 5:1 hexane:ethyl acetate, to provide a 1-heteroaromatic-1,2,3,6-tetrahydro-pyridine-4-carbonitrile Compound of Formula **12 a-h**. A Compound of Formula **12 a-h** is useful, e.g., as an intermediate for the synthesis of a Cyclo(hetero)alkenyl Compound.

In Step B4 of Scheme B, the 1-heteroaromatic-1,2,3,6-tetrahydro-pyridine-4-carbonitrile Compound of Formula **12 a-h** is reacted with an acidifying reagent, e.g., an inorganic acid such as HCl or H_2SO_4, or an organic acid, such as phthalic acid or tetrahalophthalic acid. In one embodiment, the present invention relates to a method for

making a Cyclo(hetero)alkenyl Compound comprising allowing a 1-heteroaromatic-1,2,3,6-tetrahydro-pyridine-4-carbonitrile Compound of Formula **12 a-h** to react with an acidifying reagent. In another embodiment, the acidifying reagent is HCl, H_2SO_4, phthalic acid, tetrahalophthalic acid or a mixture thereof. In another embodiment, the acidifying reagent is HCl. In another embodiment, the acidifying reagent is H_2SO_4. In another embodiment, the acidifying reagent is phthalic acid. In another embodiment, the acidifying reagent is tetrahalophthalic acid.

In certain embodiments, the acidifying reagent is present in the reaction in Step B4 at an initial concentration within the range of from about 0.5N to about 12N, or at an initial concentration within the range of from about 1N to about 8N. In a specific embodiment, the acidifying reagent is present in the reaction at an initial concentration of about 6N.

In certain embodiments, the Compound of Formula **12 a-h** is present in the reaction in Step B4 at an initial concentration within the range of from about 0.05M to about 10M, or at an initial concentration within the range of from about 0.1M to about 5M. In a specific embodiment, the Compound of Formula **12 a-h** is present in the reaction at an initial concentration of about 0.5M.

In certain embodiments, the reaction in Step B4 is carried out at a temperature within the range of from about 0°C to about 120°C; at a temperature within the range of from about 25°C to about 120°C; or at a temperature within the range of from about 95°C to about 105°C.

In certain embodiments, the reaction in Step B4 is carried out in a polar protic solvent or in combinations of such solvents; polar protic solvents have been described above. In one embodiment, the polar protic solvent is water, an organic acid, e.g., formic acid (see U.S. Patent No. 5,206,392) or combinations thereof. In another embodiment, the polar protic solvent is water. In other embodiments, the solvent comprises a mixture of water and a suitable aprotic solvent or solvents. In such embodiments the ratio of water to aprotic solvent can be within the range of from about 10:1 to about 1:1 (water:aprotic solvent). In certain embodiments, the aprotic solvent mixed with water is selected from acetone, MEK, ethyl acetate, acetonitrile, dioxane, N-methyl-pyrrolidone, DMF, DMAc, DMSO, pyridine, and combinations thereof.

In certain embodiments, the Compound of Formula **12 a-h** is provided as a salt, e.g., the hydrochloride salt, which can be converted to the free amine, using procedures known in the art, prior to reaction with the acidifying reagent. For example, the hydrochloride salt of the Compound of Formula **12 a-h** is dissolved in a suitable organic solvent, such as but not limited to chloroform, to provide a solution that is extracted with, e.g., a saturated aqueous solution of Na_2CO_3. The organic layer is recovered and the aqueous layer back-extracted with an additional volume of the organic solvent. The organic solvent layers are combined, extracted with water, dried, e.g., over anhydrous sodium sulfate, and then the liquid is removed to provide the Compound of Formula **12 a-h** as the free amine.

The reaction in Step B4 can be carried out at reduced pressure, atmospheric pressure or elevated pressure, i.e., greater than atmospheric pressure. In one embodiment, the reaction is carried out at atmospheric pressure. In certain embodiments, the reaction in Step B4 is carried out in an inert atmosphere. In one non-limiting aspect of this embodiment, the reaction in Step B4 is carried out under a nitrogen atmosphere. In another non-limiting aspect of this embodiment, the reaction in Step B4 is carried out under an argon atmosphere.

Progress of the reaction in Step B4 can be monitored using conventional analytical techniques, including but not limited to IR, LC, MS, LCMS, TLC, HPLC, GC, GLC and/or NMR. The reaction according to Step B4 is carried out, in one embodiment, until a starting material is consumed or, in another embodiment, until the ratio of product, a Compound of Formula **13 a-h**, to starting material, the Compound of Formula **12 a-h**, remains essentially constant. Typically, a time sufficient for the reaction in Step B4 is within the range of from about 0.5 hours to about 36 hours, from about 1 hour to about 24 hours, or from about 4 hours to about 16 hours. In a specific embodiment, the reaction according to Step B4 is carried out for about 12 hours.

In another embodiment, the reaction according to Step B4 is carried out in water with about a 6N initial concentration of HCl, at a temperature within the range of from about 95°C to about 105°C, and for a period of about 12 hours with refluxing.

The resulting reaction mixture is cooled to about 25°C and the solvent is removed, e.g., under reduced pressure, to provide a 1-heteroaromatic-1,2,3,6-tetrahydro-pyridine-4-carboxylic acid Compound of Formula **13 a-h**, which can be used without further

purification or, if desired, can be purified using methods known to those skilled in the art. A Compound of Formula **13 a-h** is useful, e.g., as an intermediate for the synthesis of a Cyclo(hetero)alkenyl Compound.

In Step B5 of Scheme B, the 1-heteroaromatic-1,2,3,6-tetrahydro-pyridine-4-carboxylic acid Compound of Formula **13 a-h** is reacted in a single step procedure with a compound of formula Ar^2-NHR_4. In one embodiment, the present invention relates to a method for making a Cyclo(hetero)alkenyl Compound comprising allowing a 1-heteroaromatic-1,2,3,6-tetrahydro-pyridine-4-carboxylic acid Compound of Formula **13 a-h** to react with a compound of formula Ar^2-NHR_4. In another embodiment, this reaction is in a single step. In another embodiment, the compound of formula Ar^2-NHR_4 is 4-trifluoromethyl-aniline. In another embodiment, the compound of formula Ar^2-NHR_4 is 5-trifluoromethyl-pyridin-2-ylamine. In another embodiment, the compound of formula Ar^2-NHR_4 is 2,2-difluoro-benzo[1,3]dioxol-5-ylamine. Ar^2-NHR_4 compounds are commercially available from, e.g., Aldrich Chemical Co., or can be prepared by methods known to those skilled in the art.

In certain embodiments, the reaction in Step B5 is carried out with an initial amount of the a compound of formula Ar^2-NHR_4 within the range of from about 1 to about 5 equivalents, or within the range of from about 1 to about 2 equivalents, on a molar basis, relative to the Compound of Formula **13 a-h**. In another embodiment, this reaction is carried out with about 1 equivalent, on a molar basis, of the compound of formula Ar^2-NHR_4, relative to the Compound of Formula **13 a-h**.

In certain embodiments, the reaction in Step B5 is carried out to include an initial amount of 1-hydroxybenzotriazole (HOBt) within the range of from about 0.1 to about 3 equivalents, or within the range of from about 0.2 to about 1.5 equivalents, on a molar basis, relative to the Compound of Formula **13 a-h**. In another embodiment, this reaction is carried out with about 1.25 equivalents, on a molar basis, of HOBt, relative to the Compound of Formula **13 a-h**.

In certain embodiments, the reaction in Step B5 is carried out to include an initial amount of DIC within the range of from about 0.1 to about 3 equivalents, or within the range of from about 0.2 to about 1.5 equivalents, on a molar basis, relative to the Compound of Formula **13 a-h**. In another embodiment, this reaction is carried out with about 1.25 equivalents, on a molar basis, of DIC, relative to the Compound of Formula **13**

a-h. In another embodiment, this reaction is carried out to include an initial amount of DIC about identical with the initial amount of HOBt, each on a molar basis relative to the Compound of Formula **13 a-h**. HOBt and DIC are commercially available from, e.g., Aldrich Chemical Co., or can be prepared by methods known to those skilled in the art.

In certain embodiments, the Compound of Formula **13 a-h** is present in the reaction in Step B5 at an initial concentration within the range of from about 0.05M to about 10M, or at an initial concentration within the range of from about 0.1M to about 1M. In a specific embodiment, the Compound of Formula **13 a-h** is present in the reaction at an initial concentration of about 0.35M.

In certain embodiments, the reaction in Step B5 is carried out at a temperature within the range of from about 0°C to about 100°C; at a temperature within the range of from about 0°C to about 60°C; or at a temperature within the range of from about 15°C to about 30°C.

In certain embodiments, the reaction in Step B5 is carried out in an aprotic solvent or in combinations of such solvents; aprotic solvents have been described above. In one embodiment, the aprotic solvent is pyridine, DMF or combinations thereof. In another embodiment, the aprotic solvent is DMF. In another embodiment, the aprotic solvent is pyridine.

In certain embodiments, the Compound of Formula **13 a-h** is provided as a salt, e.g., the hydrochloride salt, which can be converted to the free amine, using procedures known in the art, prior to reaction with the compound of formula Ar^2-NHR_4. For example, the hydrochloride salt of the Compound of Formula **13 a-h** is dissolved in a suitable organic solvent, such as but not limited to chloroform, to provide a solution that is extracted with, e.g., a saturated aqueous solution of Na_2CO_3. The organic layer is recovered and the aqueous layer back-extracted with an additional volume of the organic solvent. The organic solvent layers are combined, extracted with water, dried, e.g., over anhydrous sodium sulfate, and then the liquid is removed to provide the Compound of Formula **13 a-h** as the free amine.

The reaction in Step B5 can be carried out at reduced pressure, atmospheric pressure or elevated pressure, i.e., greater than atmospheric pressure. In one embodiment, the reaction is carried out at atmospheric pressure. In certain embodiments, the reaction

in Step B5 is carried out in an inert atmosphere. In one non-limiting aspect of this embodiment, the reaction in Step B5 is carried out under a nitrogen atmosphere. In another non-limiting aspect of this embodiment, the reaction in Step B5 is carried out under an argon atmosphere.

Progress of the reaction in Step B5 can be monitored using conventional analytical techniques, including but not limited to IR, LC, MS, LCMS, TLC, HPLC, GC, GLC and/or NMR. The reaction according to Step B5 is carried out, in one embodiment, until a starting material is consumed or, in another embodiment, until the ratio of product, the Cyclo(hetero)alkenyl Compound, to starting material, the Compound of Formula **13 a-h**, remains essentially constant. Typically, a time sufficient for the reaction in Step B5 is within the range of from about 0.5 hours to about 36 hours, from about 1 hour to about 24 hours, or from about 4 hours to about 16 hours. In a specific embodiment, the reaction according to Step B5 is carried out for about 12 hours.

In another embodiment, the reaction according to Step B5 is carried out in DMF with about 1 equivlent of a compound of formula Ar^2-NHR_4, 1-hydroxybenzotriazole (HOBt, about 1.25 eq.), and DIC (about 1.25 eq.) relative to the Compound of Formula **13 a-h** (present at an initial concentration of about 0.35M), at a temperature within the range of from about 20°C to about 25°C for a period of about 12 hours with stirring.

Thereafter, the solvent is removed, e.g., under reduced pressure, to provide a residue that can be purified, e.g., using a silica gel column eluted with 10:1 hexane:ethyl acetate, to provide a Cyclo(hetero)alkenyl Compound where V is N. Where m = 1, a mixture of Cyclo(hetero)alkenyl Compounds where V is N is generally obtained. The mixture can be separated by conventional methods, for example, column chromatography.

A Cyclo(hetero)alkenyl Compound where V is N can also be obtained from a Compound of Formula **13 a-h** by a two-step procedure, e.g., Step B6 followed by Step B7. In one embodiment, the present invention relates to a method for making a Cyclo(hetero)alkenyl Compound comprising allowing a 1-heteroaromatic-1,2,3,6-tetrahydro-pyridine-4-carboxylic acid Compound of Formula **13 a-h** to react, in a plurality of steps; in one step the reacting is with a compound of formula Ar^2-NHR_4.

In Step B6 of Scheme B, the 1-heteroaromatic-1,2,3,6-tetrahydro-pyridine-4-carboxylic acid Compound of Formula **13 a-h** is reacted with an excess of a Lewis acid comprising chlorine, such as $SOCl_2$, $COCl_2$, $PSCl_3$, PCl_5 or $POCl_3$, which serves as a reagent and can also serve as a solvent. In one embodiment, the present invention relates to a method for making a Cyclo(hetero)alkenyl Compound comprising allowing a 1-heteroaromatic-1,2,3,6-tetrahydro-pyridine-4-carboxylic acid Compound of Formula **13 a-h** to react with an excess of a Lewis acid comprising chlorine. In another embodiment, the Lewis acid comprising chlorine is $POCl_3$, $PSCl_3$, PCl_5, $SOCl_2$, $COCl_2$ or a mixture thereof. In another embodiment, the Lewis acid comprising chlorine is $SOCl_2$, $COCl_2$ or a mixture thereof. In another embodiment, the Lewis acid comprising chlorine is $SOCl_2$. In another embodiment, the Lewis acid comprising chlorine is $POCl_3$. In another embodiment, the Lewis acid comprising chlorine is $COCl_2$.

In certain embodiments, the reaction in Step B6 is carried out with an initial amount of the Lewis acid within the range of from about 1 to about 100 equivalents, or within the range of from about 1 to about 50 equivalents, on a molar basis, relative to the Compound of Formula **13 a-h**. In another embodiment, this reaction is carried out with about 24 equivalents, on a molar basis, of the Lewis acid, relative to the Compound of Formula **13 a-h**.

In certain embodiments, the Compound of Formula **13 a-h** is present in the reaction in Step B6 at an initial concentration within the range of from about 0.05M to about 10M, or at an initial concentration within the range of from about 0.1M to about 5M. In a specific embodiment, the Compound of Formula **13 a-h** is present in the reaction at an initial concentration of about 0.6M.

In certain embodiments, the reaction in Step B6 is carried out at a temperature within the range of from about 0°C to about 100°C; at a temperature within the range of from about 10°C to about 60°C; or at a temperature within the range of from about 15°C to about 30°C.

In certain embodiments, the reaction in Step B6 is carried out in a nonpolar solvent, e.g., THF, an aprotic solvent or in combinations of such solvents; nonpolar solvents and aprotic solvents have been described above. In certain embodiments, the reaction in Step B6 is carried out without a solvent, i.e., the Lewis acid serves as the solvent. In another embodiment, the solvent is THF. In another embodiment, the solvent

is $SOCl_2$. In another embodiment, the solvent is $POCl_3$. In another embodiment, the solvent is $COCl_2$.

In certain embodiments, the Compound of Formula **13 a-h** is provided as a salt, e.g., the hydrochloride salt, which can be converted to the free amine, using procedures known in the art, prior to reaction with the Lewis acid. For example, the hydrochloride salt of the Compound of Formula **13 a-h** is dissolved in a suitable organic solvent, such as but not limited to chloroform, to provide a solution that is extracted with, e.g., a saturated aqueous solution of Na_2CO_3. The organic layer is recovered and the aqueous layer back-extracted with an additional volume of the organic solvent. The organic solvent layers are combined, extracted with water, dried, e.g., over anhydrous sodium sulfate, and then the liquid is removed to provide the Compound of Formula **13 a-h** as the free amine.

The reaction in Step B6 can be carried out at reduced pressure, atmospheric pressure or elevated pressure, i.e., greater than atmospheric pressure. In one embodiment, the reaction is carried out at atmospheric pressure. In certain embodiments, the reaction in Step B6 is carried out in an inert atmosphere. In one non-limiting aspect of this embodiment, the reaction in Step B6 is carried out under a nitrogen atmosphere. In another non-limiting aspect of this embodiment, the reaction in Step B6 is carried out under an argon atmosphere.

Progress of the reaction in Step B6 can be monitored using conventional analytical techniques, including but not limited to IR, LC, MS, LCMS, TLC, HPLC, GC, GLC and/or NMR. The reaction according to Step B6 is carried out, in one embodiment, until a starting material is consumed or, in another embodiment, until the ratio of product, a Compound of Formula **14 a-h**, to starting material, the Compound of Formula **13 a-h**, remains essentially constant. Typically, a time sufficient for the reaction in Step B6 is within the range of from about 0.5 hours to about 36 hours, from about 1 hour to about 24 hours, or from about 4 hours to about 19 hours. In a specific embodiment, the reaction according to Step B6 is carried out for about 12 hours. In a specific embodiment, the reaction according to Step B6 is carried out for about 17 hours.

In another embodiment, the reaction according to Step B6 is carried out by reacting the Compound of Formula **13 a-h** (about 1 eq.) with an excess of a Lewis acid comprising chlorine (about 24 eq.), at a temperature of about 25°C for a period of about 12 hours with stirring to provide a 1-heteroaromatic-1,2,3,6-tetrahydro-pyridine-4-

carbonyl chloride Compound of Formula **14 a-h**, which can be used without further purification or, if desired, can be purified using methods known to those skilled in the art. A Compound of Formula **14 a-h** is useful, e.g., as an intermediate for the synthesis of a Cyclo(hetero)alkenyl Compound.

In Step B7 of Scheme B, the 1-heteroaromatic-1,2,3,6-tetrahydro-pyridine-4-carbonyl chloride Compound of Formula **14 a-h** is reacted with a compound of formula Ar^2-NHR_4. In one embodiment, the present invention relates to a method for making a Cyclo(hetero)alkenyl Compound comprising allowing a 1-heteroaromatic-1,2,3,6-tetrahydro-pyridine-4-carbonyl chloride Compound of Formula **14 a-h** to react with a compound of formula Ar^2-NHR_4. In another embodiment, the compound of formula Ar^2-NHR_4 is 4-trifluoromethyl-aniline. In another embodiment, the compound of formula Ar^2-NHR_4 is 5-trifluoromethyl-pyridin-2-ylamine. In another embodiment, the compound of formula Ar^2-NHR_4 is 2,2-difluoro-benzo[1,3]dioxol-5-ylamine.

In certain embodiments, the reaction in Step B7 is carried out with an initial amount of the a compound of formula Ar^2-NHR_4 within the range of from about 1 to about 10 equivalents, or within the range of from about 1 to about 5 equivalents, on a molar basis, relative to the Compound of Formula **14 a-h**. In another embodiment, this reaction is carried out with about 1.5 equivalents, on a molar basis, of the compound of formula Ar^2-NHR_4, relative to the Compound of Formula **14 a-h**. In another embodiment, this reaction is carried out with about 1.2 equivalents, on a molar basis, of the compound of formula Ar^2-NHR_4, relative to the Compound of Formula **14 a-h**. In another embodiment, this reaction is carried out with about 1.1 equivalents, on a molar basis, of the compound of formula Ar^2-NHR_4, relative to the Compound of Formula **14 a-h**.

In certain embodiments, the reaction in Step B7 is carried out to include an initial amount of an organic base, an inorganic base or a mixture thereof. In certain embodiments, the reaction in Step B7 is carried out to include an initial amount of an organic base, e.g., pyridine or a trialkylamine, such as triethylamine, trimethylamine, methyl diethylamine or diisopropyl ethylamine, within the range of from about 1 to about 5 equivalents, or within the range of from about 1 to about 2 equivalents, on a molar basis, relative to the Compound of Formula **14 a-h**. In another embodiment, this reaction is carried out with about 1.25 equivalents, on a molar basis, of organic base, e.g.,

trialkylamine, relative to the Compound of Formula **14 a-h**. In one embodiment, the trialkylamine is triethylamine, trimethylamine, methyl diethylamine, diisopropyl ethylamine or combinations thereof. In another embodiment, the trialkylamine is triethylamine. Trialkylamines are commercially available from, e.g., Aldrich Chemical Co., or can be prepared by methods known to those skilled in the art.

In certain embodiments, the reaction in Step B7 is carried out to include an initial amount of an inorganic base, such as sodium bicarbonate, within the range of from about 1 to about 10 equivalents, or within the range of from about 1 to about 5 equivalents, on a molar basis, relative to the Compound of Formula **14 a-h**. In another embodiment, this reaction is carried out with about 3 equivalents, on a molar basis, of inorganic base, relative to the Compound of Formula **14 a-h**. In one embodiment, the inorganic base is sodium bicarbonate, sodium carbonate, potassium bicarbonate, potassium carbonate or combinations thereof. In another embodiment, the inorganic base is sodium bicarbonate. In another embodiment, the inorganic base is potassium carbonate.

In certain embodiments, the Compound of Formula **14 a-h** is present in the reaction in Step B7 at an initial concentration within the range of from about 0.05M to about 10M, at an initial concentration within the range of from about 0.1M to about 5M, at an initial concentration within the range of from about 0.1M to about 2M. In a specific embodiment, the Compound of Formula **14 a-h** is present in the reaction at an initial concentration of about 0.2M. In a specific embodiment, the Compound of Formula **14 a-h** is present in the reaction at an initial concentration of about 0.3M. In a specific embodiment, the Compound of Formula **14 a-h** is present in the reaction at an initial concentration of about 0.5M.

In certain embodiments, the reaction in Step B7 is carried out at a temperature within the range of from about 0°C to about the boiling point of the solvent; at a temperature within the range of from about 0°C to about 115°C; at a temperature within the range of from about 0°C to about 100°C; at a temperature within the range of from about 0°C to about 80°C; at a temperature within the range of from about 40°C to about 80°C; or at a temperature within the range of from about 15°C to about 30°C.

In certain embodiments, the reaction in Step B7 is carried out in an aprotic solvent or in combinations of such solvents; aprotic solvents have been described above. In one embodiment, the aprotic solvent is DCM, DCE, THF, pyridine or combinations thereof.

In another embodiment, the aprotic solvent is DCM. In another embodiment, the aprotic solvent is DCE. In another embodiment, the aprotic solvent is THF. In another embodiment, the aprotic solvent is pyridine. As pyridine can serve in a dual role, i.e., simultaneously serve as a solvent and as an organic base, as discussed above, if such a dual-role organic base is present then the reaction in Step B7 is carried out, in certain embodiments, with an initial amount of the dual-role organic base within the range of from about 1 to about 100 equivalents, or within the range of from about 1 to about 50 equivalents, on a molar basis, relative to the Compound of Formula **14 a-h**.

In certain embodiments, the Compound of Formula **14 a-h** is provided as a salt, e.g., the hydrochloride salt, which can be converted to the free amine, using procedures known in the art, prior to reaction with the compound of formula Ar^2-NHR_4. For example, the hydrochloride salt of the Compound of Formula **14 a-h** is dissolved in a suitable organic solvent, such as but not limited to chloroform, to provide a solution that is extracted with, e.g., a saturated aqueous solution of Na_2CO_3. The organic layer is recovered and the aqueous layer back-extracted with an additional volume of the organic solvent. The organic solvent layers are combined, extracted with water, dried, e.g., over anhydrous sodium sulfate, and then the liquid is removed to provide the Compound of Formula **14 a-h** as the free amine.

The reaction in Step B7 can be carried out at reduced pressure, atmospheric pressure or elevated pressure, i.e., greater than atmospheric pressure. In one embodiment, the reaction is carried out at atmospheric pressure. In certain embodiments, the reaction in Step B7 is carried out in an inert atmosphere. In one non-limiting aspect of this embodiment, the reaction in Step B7 is carried out under a nitrogen atmosphere. In another non-limiting aspect of this embodiment, the reaction in Step B7 is carried out under an argon atmosphere.

Progress of the reaction in Step B7 can be monitored using conventional analytical techniques, including but not limited to IR, LC, MS, LCMS, TLC, HPLC, GC, GLC and/or NMR. The reaction according to Step B7 is carried out, in one embodiment, until a starting material is consumed or, in another embodiment, until the ratio of product, the Cyclo(hetero)alkenyl Compound, to starting material, the Compound of Formula **14 a-h**, remains essentially constant. Typically, a time sufficient for the reaction in Step B7 is within the range of from about 0.5 hours to about 24 hours; from about 1 hour to about 19

hours; or from about 1 hour to about 17 hours. In a specific embodiment, the reaction according to Step B7 is carried out for about 1.6 hours. In a specific embodiment, the reaction according to Step B7 is carried out for about 4 hours. In a specific embodiment, the reaction according to Step B7 is carried out for about 16 hours.

In another specific embodiment, the reaction according to Step B7 is carried out in DCM with about 1.5 equivalents of a compound of formula Ar^2-NHR_4 and a trialkylamine, such as triethylamine, trimethylamine, methyl diethylamine or diisopropyl ethylamine (about 2.0 eq.) relative to the Compound of Formula **14 a-h** (present at an initial concentration of about 0.2M). The resulting solution is degassed by bubbling nitrogen through the solution. The reaction mixture is kept at a temperature within the range of from about 20°C to about 25°C for a period of about 4 hours with stirring.

In another specific embodiment, the reaction according to Step B7 is carried out in pyridine with about 1.2 equivalents of a compound of formula Ar^2-NHR_4 relative to the Compound of Formula **14 a-h** (present at an initial concentration of about 0.5M). For example, a 0.5M suspension of the Compound of Formula **14 a-h** in pyridine can be added to a 0.5M solution of a compound of formula Ar^2-NHR_4 in pyridine about 25°C to form a reaction mixture and the reaction mixture is kept at a temperature of about 70°C for a period of about 16 hours with stirring.

In another specific embodiment, the reaction according to Step B7 is carried out in THF at about 0°C with about 1.1 equivalents of a compound of formula Ar^2-NHR_4 and a base, such as sodium bicarbonate (about 3.0 eq.) relative to the Compound of Formula **14 a-h** (present at an initial concentration of about 0.3M). The resulting solution is stirred at 0°C for about 5 min, warmed to about 25°C over a period of about 30 min with stirring, and kept at about 65°C for 1 hour with stirring. Thereafter, the solvent is removed, e.g., under reduced pressure, to provide a residue that suspended in ethyl acetate and washed with aqueous 3N HCl such that separate aqueous and organic layers form. The layers can be separated and the aqueous layer extracted with ethyl acetate as required. The organic layer can be combined with the post-extraction ethyl acetate aliquot(s) and the combination dried, e.g., with Na_2SO_4.

Thereafter, in any of these specific embodiments for conducting the reaction according to Step B7, the solvent is removed, e.g., under reduced pressure, to provide a residue that can be purified, e.g., using a silica gel column eluted with 10:1 hexane:ethyl

acetate or using flash chromatography on a silica gel column with 1:1 (by volume) ethyl acetate:hexane as an eluent, to provide a Cyclo(hetero)alkenyl Compound where V is N. As discussed above, if a mixture of Cyclo(hetero)alkenyl Compounds is obtained where m = 1, the mixture can be separated by conventional methods, for example, column chromatography.

The Compound of Formula (I) where X is S can be made by, *e.g.*, reacting a Compound of Formula (II) (*i.e.*, where X is O) with Lawesson's reagent as described in connection with Scheme A. In another embodiment, the Compound of Formula (I) where X is S can be made by forming a dithio acid from the Compound of Formula **13 a-h**, *e.g.*, according to the procedure described in *Helvetica Chimica Acta* 3:824-33 (1920). The dithio acid can be reacted according to Step B5 of Scheme B or according to the two-step procedure of Scheme B, *e.g.*, Step B6 followed by Step B7, as described above.

Thus, in another embodiment, a method for preparing a Cyclo(hetero)alkenyl Compound comprises allowing a 1-heteroaromatic-1,2,3,6-tetrahydro-pyridine-4-carboxylic acid compound to react with a compound of formula Ar^2-NHR_4 to provide the Cyclo(hetero)alkenyl Compound.

In another embodiment, a method for preparing a Cyclo(hetero)alkenyl Compound comprises forming the Cyclo(hetero)alkenyl Compound from the 1-heteroaromatic-1,2,3,6-tetrahydro-pyridine-4-carboxylic acid compound in one step.

In another embodiment, a method for preparing a Cyclo(hetero)alkenyl Compound comprises forming the Cyclo(hetero)alkenyl Compound from the 1-heteroaromatic-1,2,3,6-tetrahydro-pyridine-4-carboxylic acid compound in a plurality of steps.

In another embodiment, a method for preparing a Cyclo(hetero)alkenyl Compound comprises:

(i) allowing a 1-heteroaromatic-1,2,3,6-tetrahydro-pyridine-4-carboxylic acid compound to react with a Lewis acid comprising chlorine in a first step to provide a 1-heteroaromatic-1,2,3,6-tetrahydro-pyridine-4-carbonyl chloride compound; and

(ii) allowing the 1-heteroaromatic-1,2,3,6-tetrahydro-pyridine-4-carbonyl chloride compound to react with the compound of formula Ar^2-NHR_4 in a second step to provide a Cyclo(hetero)alkenyl Compound.

In another embodiment, a method for preparing a Cyclo(hetero)alkenyl Compound comprises allowing a 1-heteroaromatic-1,2,3,6-tetrahydro-pyridine-4-carbonitrile compound to react with an acidifying reagent to provide a 1-heteroaromatic-1,2,3,6-tetrahydro-pyridine-4-carboxylic acid compound.

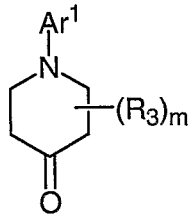
In another embodiment, a method for preparing a Cyclo(hetero)alkenyl Compound comprises allowing a 1-heteroaromatic-4-hydroxy-piperidine-4-carbonitrile compound to react with a dehydrogenation agent to provide a 1-heteroaromatic-1,2,3,6-tetrahydro-pyridine-4-carbonitrile compound.

In another embodiment, a method for preparing a Cyclo(hetero)alkenyl Compound comprises allowing a 1-heteroaromatic-piperidin-4-one compound to react with a cyanation reagent to provide the 1-heteroaromatic-4-hydroxy-piperidine-4-carbonitrile compound.

In another embodiment, a method for preparing a Cyclo(hetero)alkenyl Compound comprises allowing a 8-heteroaromatic-1,4-dioxa-8-aza-spiro[4.5]decane compound to react with a ketone-forming reagent to provide a 1-heteroaromatic-piperidin-4-one compound.

In another embodiment, a method for preparing a Cyclo(hetero)alkenyl Compound comprises allowing a 8-heteroaromatic-1,4-dioxa-8-aza-spiro[4.5]decane compound to react with a ketone-forming reagent to provide the 1-heteroaromatic-piperidin-4-one compound.

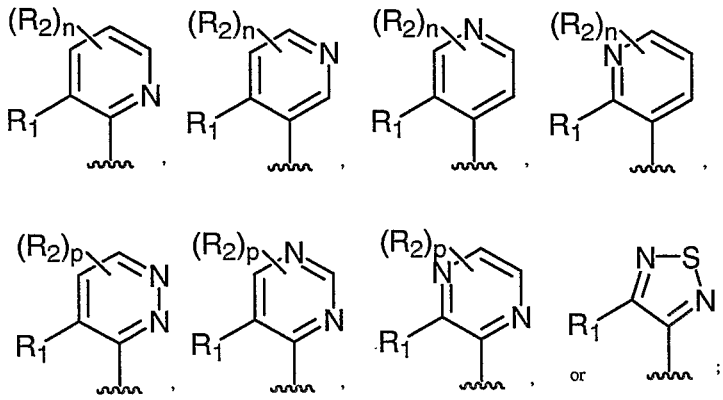
In another embodiment, the present invention relates to a compound of formula 4 a-h



4 a-h

or a pharmaceutically acceptable salt thereof, where:

Ar^1 is



R_1 is -H, -halo, $-CH_3$, $-NO_2$, -CN, -OH, $-OCH_3$, $-NH_2$, $-C(halo)_3$, $-CH(halo)_2$, or $-CH_2(halo)$;

each R_2 is independently:

(a) -halo, -CN, -OH, $-NO_2$, or $-NH_2$,

(b) $-(C_1-C_{10})$alkyl, $-(C_2-C_{10})$alkenyl, $-(C_2-C_{10})$alkynyl, $-(C_3-C_{10})$cycloalkyl, $-(C_8-C_{14})$bicycloalkyl, $-(C_8-C_{14})$tricycloalkyl, $-(C_5-C_{10})$cycloalkenyl, $-(C_8-C_{14})$bicycloalkenyl, $-(C_8-C_{14})$tricycloalkenyl, -(3- to 7-membered)heterocycle, or -(7- to 10-membered)bicycloheterocycle, each of which is unsubstituted or substituted with one or more R_5 groups, or

(c) -phenyl, -naphthyl, $-(C_{14})$aryl or -(5- to 10-membered)heteroaryl, each of which is unsubstituted or substituted with one or more R_6 groups;

each R_3 is independently:

(a) -halo, -CN, -OH, $-NO_2$, or $-NH_2$,

(b) $-(C_1-C_{10})$alkyl, $-(C_2-C_{10})$alkenyl, $-(C_2-C_{10})$alkynyl, $-(C_3-C_{10})$cycloalkyl, $-(C_8-C_{14})$bicycloalkyl, $-(C_8-C_{14})$tricycloalkyl, $-(C_5-C_{10})$cycloalkenyl, $-(C_8-C_{14})$bicycloalkenyl, $-(C_8-C_{14})$tricycloalkenyl, -(3- to 7-membered)heterocycle, or -(7- to 10-membered)bicycloheterocycle, each of which is unsubstituted or substituted with one or more R_5 groups, or

(c) -phenyl, -naphthyl, $-(C_{14})$aryl or -(5- to 10-membered) heteroaryl, each of which is unsubstituted or substituted with one or more R_6 groups;

each R_5 is independently -CN, -OH, $-(C_1-C_6)$alkyl, $-(C_2-C_6)$alkenyl, $-(C_2-C_6)$alkynyl, -halo, $-N_3$, $-NO_2$, $-N(R_7)_2$, $-CH=NR_7$, $-NR_7OH$, $-OR_7$, $-COR_7$, $-C(O)OR_7$, $-OC(O)R_7$, $-OC(O)OR_7$, $-SR_7$, $-S(O)R_7$, or $-S(O)_2R_7$;

each R_6 is independently -$(C_1$–$C_6)$alkyl, -$(C_2$–$C_6)$alkenyl, -$(C_2$–$C_6)$alkynyl, -$(C_3$–$C_8)$cycloalkyl, -$(C_5$–$C_8)$cycloalkenyl, -phenyl, -(3- to 5-membered)heterocycle, -C(halo)$_3$, -CH(halo)$_2$, -CH_2(halo), -CN, -OH, -halo, -N_3, -NO_2, -$N(R_7)_2$, -$CH{=}NR_7$, -NR_7OH, -OR_7, -COR_7, -C(O)OR_7, -OC(O)R_7, -OC(O)OR_7, -SR_7, -S(O)R_7, or -$S(O)_2R_7$;

each R_7 is independently -H, -$(C_1$–$C_6)$alkyl, -$(C_2$–$C_6)$alkenyl, -$(C_2$–$C_6)$alkynyl, -$(C_3$–$C_8)$cycloalkyl, -$(C_5$–$C_8)$cycloalkenyl, -phenyl, -(3- to 5-membered)heterocycle, -C(halo)$_3$, -CH(halo)$_2$, or CH_2(halo);

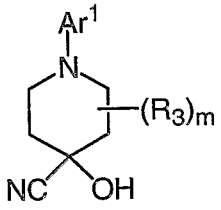
each halo is independently -F, -Cl, -Br, or -I;

m is 0 or 1 and when m is 1, R_3 is attached to the 2-, 3-, 5-, or 6-position of the cyclo(hetero)alkenyl ring;

n is an integer ranging from 0 to 3; and

p is an integer ranging from 0 to 2.

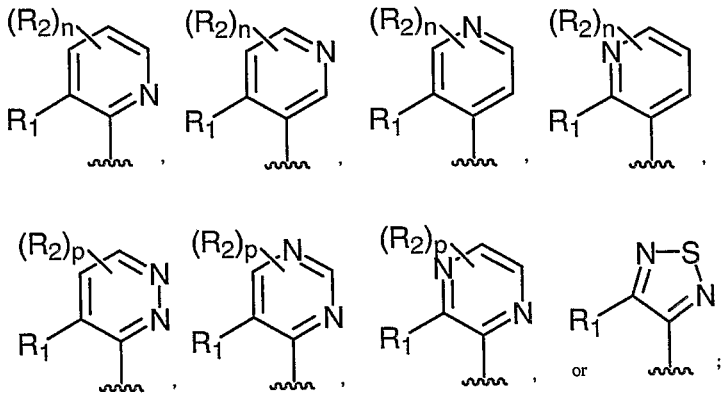
In another embodiment, the present invention relates to a compound of formula 11 a-h



11 a-h

or a pharmaceutically acceptable salt thereof, where:

Ar^1 is



R_1 is -H, -halo, $-CH_3$, $-NO_2$, -CN, -OH, $-OCH_3$, $-NH_2$, $-C(halo)_3$, $-CH(halo)_2$, or $-CH_2(halo)$;

each R_2 is independently:

(a) -halo, -CN, -OH, $-NO_2$, or $-NH_2$,

(b) $-(C_1-C_{10})$alkyl, $-(C_2-C_{10})$alkenyl, $-(C_2-C_{10})$alkynyl, $-(C_3-C_{10})$cycloalkyl, $-(C_8-C_{14})$bicycloalkyl, $-(C_8-C_{14})$tricycloalkyl, $-(C_5-C_{10})$cycloalkenyl, $-(C_8-C_{14})$bicycloalkenyl, $-(C_8-C_{14})$tricycloalkenyl, -(3- to 7-membered)heterocycle, or -(7- to 10-membered)bicycloheterocycle, each of which is unsubstituted or substituted with one or more R_5 groups, or

(c) -phenyl, -naphthyl, $-(C_{14})$aryl or -(5- to 10-membered)heteroaryl, each of which is unsubstituted or substituted with one or more R_6 groups;

each R_3 is independently:

(a) -halo, -CN, -OH, $-NO_2$, or $-NH_2$,

(b) $-(C_1-C_{10})$alkyl, $-(C_2-C_{10})$alkenyl, $-(C_2-C_{10})$alkynyl, $-(C_3-C_{10})$cycloalkyl, $-(C_8-C_{14})$bicycloalkyl, $-(C_8-C_{14})$tricycloalkyl, $-(C_5-C_{10})$cycloalkenyl, $-(C_8-C_{14})$bicycloalkenyl, $-(C_8-C_{14})$tricycloalkenyl, -(3- to 7-membered)heterocycle, or -(7- to 10-membered)bicycloheterocycle, each of which is unsubstituted or substituted with one or more R_5 groups, or

(c) -phenyl, -naphthyl, $-(C_{14})$aryl or -(5- to 10-membered) heteroaryl, each of which is unsubstituted or substituted with one or more R_6 groups;

each R_5 is independently -CN, -OH, $-(C_1-C_6)$alkyl, $-(C_2-C_6)$alkenyl, $-(C_2-C_6)$alkynyl, -halo, $-N_3$, $-NO_2$, $-N(R_7)_2$, $-CH=NR_7$, $-NR_7OH$, $-OR_7$, $-COR_7$, $-C(O)OR_7$, $-OC(O)R_7$, $-OC(O)OR_7$, $-SR_7$, $-S(O)R_7$, or $-S(O)_2R_7$;

each R_6 is independently $-(C_1-C_6)$alkyl, $-(C_2-C_6)$alkenyl, $-(C_2-C_6)$alkynyl, $-(C_3-C_8)$cycloalkyl, $-(C_5-C_8)$cycloalkenyl, -phenyl, -(3- to 5-membered)heterocycle, $-C(halo)_3$, $-CH(halo)_2$, $-CH_2(halo)$, -CN, -OH, -halo, $-N_3$, $-NO_2$, $-N(R_7)_2$, $-CH=NR_7$, $-NR_7OH$, $-OR_7$, $-COR_7$, $-C(O)OR_7$, $-OC(O)R_7$, $-OC(O)OR_7$, $-SR_7$, $-S(O)R_7$, or $-S(O)_2R_7$;

each R_7 is independently -H, $-(C_1-C_6)$alkyl, $-(C_2-C_6)$alkenyl, $-(C_2-C_6)$alkynyl, $-(C_3-C_8)$cycloalkyl, $-(C_5-C_8)$cycloalkenyl, -phenyl, -(3- to 5-membered)heterocycle, $-C(halo)_3$, $-CH(halo)_2$, or $CH_2(halo)$;

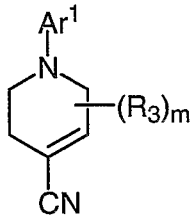
each halo is independently -F, -Cl, -Br, or -I;

m is 0 or 1 and when m is 1, R_3 is attached to the 2-, 3-, 5-, or 6-position of the cyclo(hetero)alkenyl ring;

n is an integer ranging from 0 to 3; and

p is an integer ranging from 0 to 2.

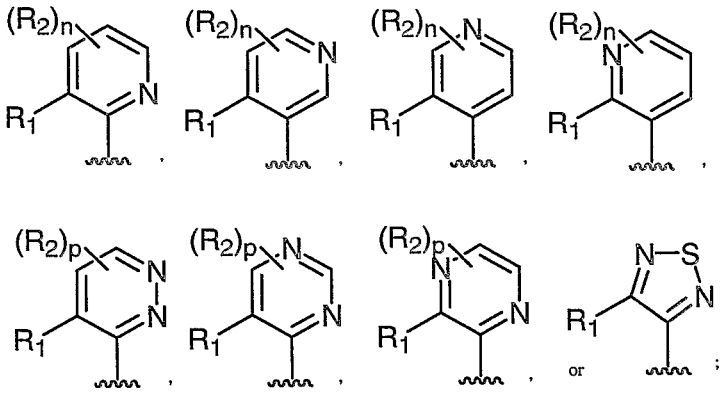
In another embodiment, the present invention relates to a compound of formula 12 a-h



12 a-h

or a pharmaceutically acceptable salt thereof, where:

Ar^1 is



R_1 is -H, -halo, $-CH_3$, $-NO_2$, -CN, -OH, $-OCH_3$, $-NH_2$, $-C(halo)_3$, $-CH(halo)_2$, or $-CH_2(halo)$;

each R_2 is independently:

(a) -halo, -CN, -OH, $-NO_2$, or $-NH_2$,

(b) $-(C_1-C_{10})$alkyl, $-(C_2-C_{10})$alkenyl, $-(C_2-C_{10})$alkynyl, $-(C_3-C_{10})$cycloalkyl, $-(C_8-C_{14})$bicycloalkyl, $-(C_8-C_{14})$tricycloalkyl, $-(C_5-C_{10})$cycloalkenyl, $-(C_8-C_{14})$bicycloalkenyl, $-(C_8-C_{14})$tricycloalkenyl, -(3- to 7-membered)heterocycle, or -(7- to

10-membered)bicycloheterocycle, each of which is unsubstituted or substituted with one or more R_5 groups, or

(c) -phenyl, -naphthyl, -(C_{14})aryl or -(5- to 10-membered)heteroaryl, each of which is unsubstituted or substituted with one or more R_6 groups;

each R_3 is independently:

(a) -halo, -CN, -OH, -NO_2, or -NH_2,

(b) -(C_1-C_{10})alkyl, -(C_2-C_{10})alkenyl, -(C_2-C_{10})alkynyl, -(C_3-C_{10})cycloalkyl, -(C_8-C_{14})bicycloalkyl, -(C_8-C_{14})tricycloalkyl, -(C_5-C_{10})cycloalkenyl, -(C_8-C_{14})bicycloalkenyl, -(C_8-C_{14})tricycloalkenyl, -(3- to 7-membered)heterocycle, or -(7- to 10-membered)bicycloheterocycle, each of which is unsubstituted or substituted with one or more R_5 groups, or

(c) -phenyl, -naphthyl, -(C_{14})aryl or -(5- to 10-membered) heteroaryl, each of which is unsubstituted or substituted with one or more R_6 groups;

each R_5 is independently -CN, -OH, -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -halo, -N_3, -NO_2, -$N(R_7)_2$, -CH=NR_7, -NR_7OH, -OR_7, -COR_7, -C(O)OR_7, -OC(O)R_7, -OC(O)OR_7, -SR_7, -S(O)R_7, or -$S(O)_2R_7$;

each R_6 is independently -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3–C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -(3- to 5-membered)heterocycle, -C(halo)$_3$, -CH(halo)$_2$, -CH_2(halo), -CN, -OH, -halo, -N_3, -NO_2, -$N(R_7)_2$, -CH=NR_7, -NR_7OH, -OR_7, -COR_7, -C(O)OR_7, -OC(O)R_7, -OC(O)OR_7, -SR_7, -S(O)R_7, or -$S(O)_2R_7$;

each R_7 is independently -H, -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3–C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -(3- to 5-membered)heterocycle, -C(halo)$_3$, -CH(halo)$_2$, or CH_2(halo);

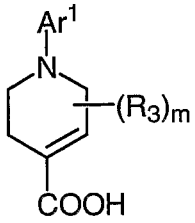
each halo is independently -F, -Cl, -Br, or -I;

m is 0 or 1 and when m is 1, R_3 is attached to the 2-, 3-, 5-, or 6-position of the cyclo(hetero)alkenyl ring;

n is an integer ranging from 0 to 3; and

p is an integer ranging from 0 to 2.

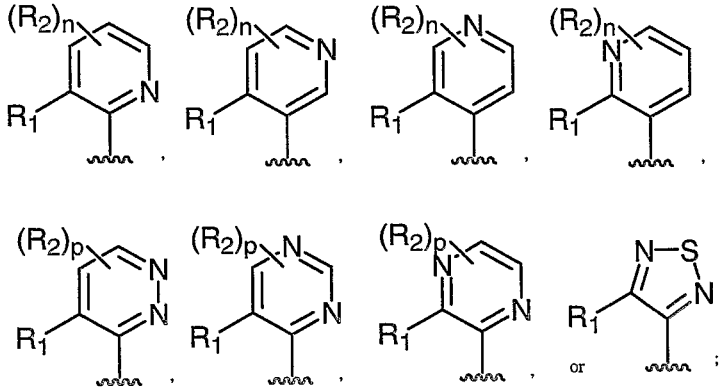
In another embodiment, the present invention relates to a compound of formula 13 a-h



13 a-h

or a pharmaceutically acceptable salt thereof, where:

Ar^1 is



R_1 is -H, -halo, $-CH_3$, $-NO_2$, -CN, -OH, $-OCH_3$, $-NH_2$, $-C(halo)_3$, $-CH(halo)_2$, or $-CH_2(halo)$;

each R_2 is independently:

(a) -halo, -CN, -OH, $-NO_2$, or $-NH_2$,

(b) $-(C_1-C_{10})$alkyl, $-(C_2-C_{10})$alkenyl, $-(C_2-C_{10})$alkynyl, $-(C_3-C_{10})$cycloalkyl, $-(C_8-C_{14})$bicycloalkyl, $-(C_8-C_{14})$tricycloalkyl, $-(C_5-C_{10})$cycloalkenyl, $-(C_8-C_{14})$bicycloalkenyl, $-(C_8-C_{14})$tricycloalkenyl, -(3- to 7-membered)heterocycle, or -(7- to 10-membered)bicycloheterocycle, each of which is unsubstituted or substituted with one or more R_5 groups, or

(c) -phenyl, -naphthyl, $-(C_{14})$aryl or -(5- to 10-membered)heteroaryl, each of which is unsubstituted or substituted with one or more R_6 groups;

each R_3 is independently:

(a) -halo, -CN, -OH, $-NO_2$, or $-NH_2$,

(b) $-(C_1-C_{10})$alkyl, $-(C_2-C_{10})$alkenyl, $-(C_2-C_{10})$alkynyl, $-(C_3-C_{10})$cycloalkyl, $-(C_8-C_{14})$bicycloalkyl, $-(C_8-C_{14})$tricycloalkyl, $-(C_5-C_{10})$cycloalkenyl, $-(C_8-C_{14})$bicycloalkenyl, $-(C_8-C_{14})$tricycloalkenyl, -(3- to 7-membered)heterocycle, or -(7- to

10-membered)bicycloheterocycle, each of which is unsubstituted or substituted with one or more R_5 groups, or

(c) -phenyl, -naphthyl, -(C_{14})aryl or -(5- to 10-membered) heteroaryl, each of which is unsubstituted or substituted with one or more R_6 groups;

each R_5 is independently -CN, -OH, -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -halo, -N_3, -NO_2, -$N(R_7)_2$, -CH=NR_7, -NR_7OH, -OR_7, -COR_7, -C(O)OR_7, -OC(O)R_7, -OC(O)OR_7, -SR_7, -S(O)R_7, or -$S(O)_2R_7$;

each R_6 is independently -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3–C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -(3- to 5-membered)heterocycle, -C(halo)$_3$, -CH(halo)$_2$, -CH_2(halo), -CN, -OH, -halo, -N_3, -NO_2, -$N(R_7)_2$, -CH=NR_7, -NR_7OH, -OR_7, -COR_7, -C(O)OR_7, -OC(O)R_7, -OC(O)OR_7, -SR_7, -S(O)R_7, or -$S(O)_2R_7$;

each R_7 is independently -H, -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3–C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -(3- to 5-membered)heterocycle, -C(halo)$_3$, -CH(halo)$_2$, or CH_2(halo);

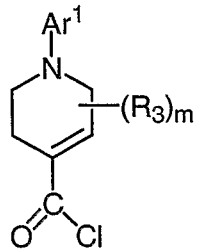
each halo is independently -F, -Cl, -Br, or -I;

m is 0 or 1 and when m is 1, R_3 is attached to the 2-, 3-, 5-, or 6-position of the cyclo(hetero)alkenyl ring;

n is an integer ranging from 0 to 3; and

p is an integer ranging from 0 to 2.

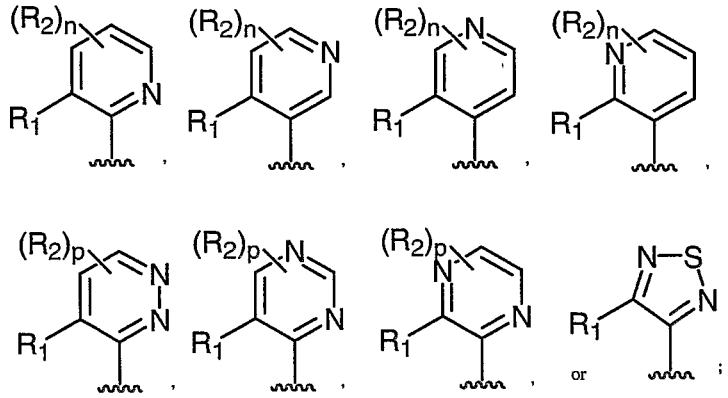
In another embodiment, the present invention relates to a compound of formula 14 a-h



14 a-h

or a pharmaceutically acceptable salt thereof, where:

Ar^1 is



R_1 is -H, -halo, $-CH_3$, $-NO_2$, -CN, -OH, $-OCH_3$, $-NH_2$, $-C(halo)_3$, $-CH(halo)_2$, or $-CH_2(halo)$;

each R_2 is independently:

(a) -halo, -CN, -OH, $-NO_2$, or $-NH_2$,

(b) $-(C_1-C_{10})$alkyl, $-(C_2-C_{10})$alkenyl, $-(C_2-C_{10})$alkynyl, $-(C_3-C_{10})$cycloalkyl, $-(C_8-C_{14})$bicycloalkyl, $-(C_8-C_{14})$tricycloalkyl, $-(C_5-C_{10})$cycloalkenyl, $-(C_8-C_{14})$bicycloalkenyl, $-(C_8-C_{14})$tricycloalkenyl, -(3- to 7-membered)heterocycle, or -(7- to 10-membered)bicycloheterocycle, each of which is unsubstituted or substituted with one or more R_5 groups, or

(c) -phenyl, -naphthyl, $-(C_{14})$aryl or -(5- to 10-membered)heteroaryl, each of which is unsubstituted or substituted with one or more R_6 groups;

each R_3 is independently:

(a) -halo, -CN, -OH, $-NO_2$, or $-NH_2$,

(b) $-(C_1-C_{10})$alkyl, $-(C_2-C_{10})$alkenyl, $-(C_2-C_{10})$alkynyl, $-(C_3-C_{10})$cycloalkyl, $-(C_8-C_{14})$bicycloalkyl, $-(C_8-C_{14})$tricycloalkyl, $-(C_5-C_{10})$cycloalkenyl, $-(C_8-C_{14})$bicycloalkenyl, $-(C_8-C_{14})$tricycloalkenyl, -(3- to 7-membered)heterocycle, or -(7- to 10-membered)bicycloheterocycle, each of which is unsubstituted or substituted with one or more R_5 groups, or

(c) -phenyl, -naphthyl, $-(C_{14})$aryl or -(5- to 10-membered) heteroaryl, each of which is unsubstituted or substituted with one or more R_6 groups;

each R_5 is independently -CN, -OH, $-(C_1-C_6)$alkyl, $-(C_2-C_6)$alkenyl, $-(C_2-C_6)$alkynyl, -halo, $-N_3$, $-NO_2$, $-N(R_7)_2$, $-CH=NR_7$, $-NR_7OH$, $-OR_7$, $-COR_7$, $-C(O)OR_7$, $-OC(O)R_7$, $-OC(O)OR_7$, $-SR_7$, $-S(O)R_7$, or $-S(O)_2R_7$;

each R_6 is independently -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3–C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -(3- to 5-membered)heterocycle, -C(halo)$_3$, -CH(halo)$_2$, -CH_2(halo), -CN, -OH, -halo, -N_3, -NO_2, -N(R_7)$_2$, -CH=NR_7, -NR_7OH, -OR_7, -COR_7, -C(O)OR_7, -OC(O)R_7, -OC(O)OR_7, -SR_7, -S(O)R_7, or -S(O)$_2$$R_7$;

each R_7 is independently -H, -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3–C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -(3- to 5-membered)heterocycle, -C(halo)$_3$, -CH(halo)$_2$, or CH_2(halo);

each halo is independently -F, -Cl, -Br, or -I;

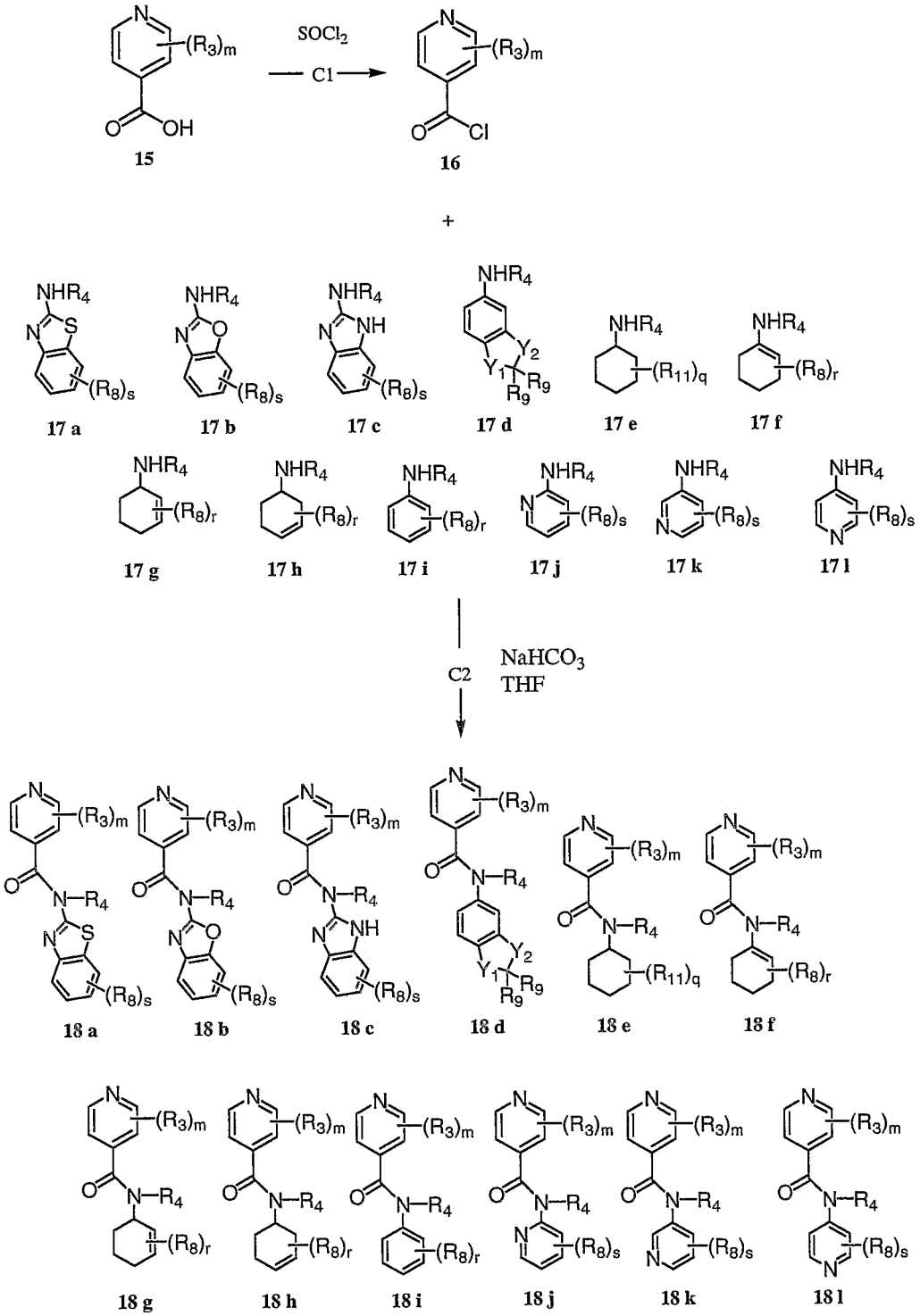
m is 0 or 1 and when m is 1, R_3 is attached to the 2-, 3-, 5-, or 6-position of the cyclo(hetero)alkenyl ring;

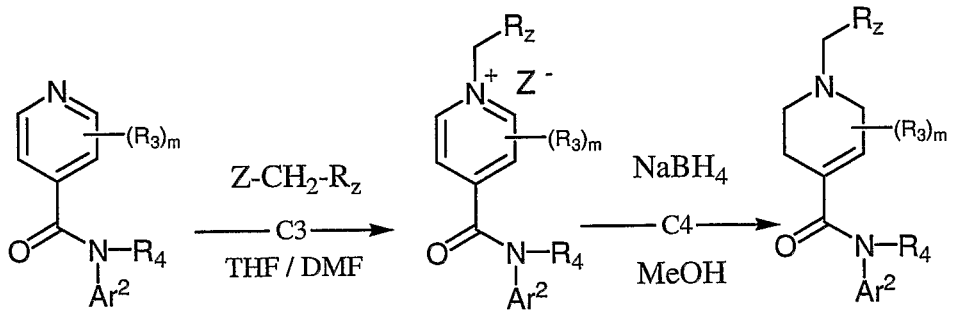
n is an integer ranging from 0 to 3; and

p is an integer ranging from 0 to 2.

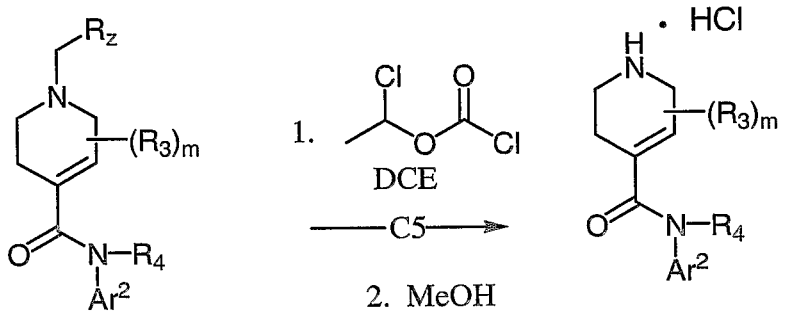
In another embodiment, the present invention relates to methods for making the Cyclo(hetero)alkenyl Compounds where V is N from the amino Compounds of Formula **17 a-l** and the isonicotinoyl chloride Compounds of Formula **16** by the following non-limiting illustrative method shown below in Scheme C.

Scheme C

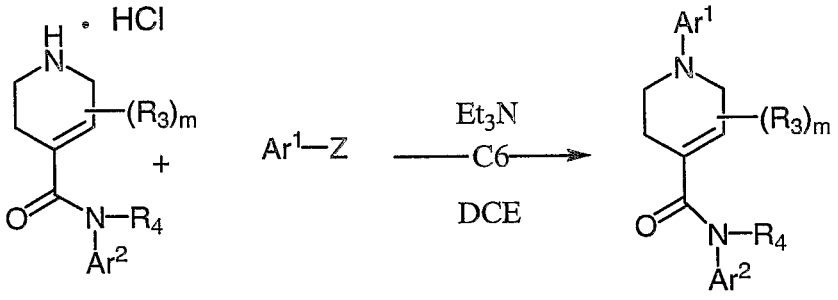

SOCl2
C1
15
16
+
17 a
17 b
17 c
17 d
17 e
17 f
17 g
17 h
17 i
17 j
17 k
17 l
C2
NaHCO3
THF
18 a
18 b
18 c
18 d
18 e
18 f
18 g
18 h
18 i
18 j
18 k
18 l



18 a-l **19 a-l** **20 a-l**



20 a-l **21 a-l**



21 a-l

(II) Cyclo(hetero)alkenyl Compound Where V is N

where R_3, R_4, R_8, R_9, Y, Ar^1, Ar^2, m, q, r and s are defined above and Z is Cl, Br or I.

In Step C1 of Scheme C, the isonicotinic acid Compound of Formula **15**, which can be obtained, for example, commercially from, e.g., Aldrich Chemical Co., or can be prepared by methods known to those skilled in the art, is reacted with an excess of a Lewis acid comprising chlorine, such as $SOCl_2$, $COCl_2$, $PSCl_3$, PCl_5 or $POCl_3$, which

serves as a reagent and can also serve as a solvent. In one embodiment, the present invention relates to a method for making a Cyclo(hetero)alkenyl Compound comprising allowing an isonicotinic acid Compound of Formula **15** to react with an excess of a Lewis acid comprising chlorine. In another embodiment, the Lewis acid comprising chlorine is $POCl_3$, $PSCl_3$, PCl_5, $SOCl_2$, $COCl_2$ or a mixture thereof. In another embodiment, the Lewis acid comprising chlorine is $SOCl_2$, $COCl_2$ or a mixture thereof. In another embodiment, the Lewis acid comprising chlorine is $SOCl_2$. In another embodiment, the Lewis acid comprising chlorine is $POCl_3$. In another embodiment, the Lewis acid comprising chlorine is $COCl_2$.

In certain embodiments, the reaction in Step C1 is carried out with an initial amount of the Lewis acid within the range of from about 1 to about 30 equivalents, or within the range of from about 1 to about 20 equivalents, on a molar basis, relative to the Compound of Formula **15**. In another embodiment, this reaction is carried out with about 11 equivalents, on a molar basis, of the Lewis acid, relative to the Compound of Formula **15**.

In certain embodiments, the Compound of Formula **15** is present in the reaction in Step C1 at an initial concentration within the range of from about 1M to about 4M, or at an initial concentration within the range of from about 1M to about 2M. In a specific embodiment, the Compound of Formula **15** is present in the reaction at an initial concentration of about 1.2M.

In certain embodiments, the reaction in Step C1 is carried out at a temperature within the range of from about 10°C to about 45°C; at a temperature within the range of from about 10°C to about 40°C; or at a temperature within the range of from about 15°C to about 30°C.

In certain embodiments, the reaction in Step C1 is carried out in an aprotic solvent, e.g., acetone, MEK, ethyl acetate, acetonitrile, dioxane, N-methyl-pyrrolidone, DMF, DMAc, DMSO, pyridine, DCM, DCE and combinations thereof. In certain embodiments, the reaction in Step C1 is carried out without a solvent, i.e., the Lewis acid serves as the solvent. In another embodiment, the solvent is $SOCl_2$.

In certain embodiments, the Compound of Formula **15** is provided as a salt, e.g., the hydrochloride salt, which can be converted to the free amine, using procedures known

in the art, prior to reaction with the Lewis acid. For example, the hydrochloride salt of the Compound of Formula **15** is dissolved in a suitable organic solvent, such as but not limited to chloroform, to provide a solution that is extracted with, e.g., a saturated aqueous solution of Na_2CO_3. The organic layer is recovered and the aqueous layer back-extracted with an additional volume of the organic solvent. The organic solvent layers are combined, extracted with water, dried, e.g., over anhydrous sodium sulfate, and then the liquid is removed to provide the Compound of Formula **15** as the free amine.

The reaction in Step C1 can be carried out at reduced pressure, atmospheric pressure or elevated pressure, i.e., greater than atmospheric pressure. In one embodiment, the reaction is carried out at atmospheric pressure. In certain embodiments, the reaction in Step C1 is carried out in an air atmosphere. In certain embodiments, the reaction in Step C1 is carried out in an inert atmosphere. In one non-limiting aspect of this embodiment, the reaction in Step C1 is carried out under a nitrogen atmosphere. In another non-limiting aspect of this embodiment, the reaction in Step C1 is carried out under an argon atmosphere.

Progress of the reaction in Step C1 can be monitored using conventional analytical techniques, including but not limited to IR, LC, MS, LCMS, TLC, HPLC, GC, GLC and/or NMR. The reaction according to Step C1 is carried out, in one embodiment, until a starting material is consumed or, in another embodiment, until the ratio of product, a Compound of Formula **16**, to starting material, the Compound of Formula **15**, remains essentially constant. Typically, a time sufficient for the reaction in Step C1 is within the range of from about 1 hour to about 48 hours, from about 5 hours to about 36 hours, or from about 10 hours to about 24 hours. In a specific embodiment, the reaction according to Step C1 is carried out for about 17 hours.

In another embodiment, the reaction according to Step C1 is carried out by reacting the Compound of Formula **15** (about 1 eq.) with an excess of a Lewis acid comprising chlorine (about 11 eq.), at a temperature of about 25°C for a period of about 17 hours with stirring to provide an isonicotinolyl chloride Compound of Formula **16**, which, after the Lewis acid comprising chlorine is removed, e.g., under reduced pressure, can be used without further purification or, if desired, can be purified. For example, THF can be used to dissolve the Compound of Formula **16** and the solvent can be removed, e.g., under reduced pressure, to provide a purified Compound of Formula **16**.

In Step C2 of Scheme C, the isonicotinolyl chloride Compound of Formula **16** is reacted with a compound of formula Ar^2-NHR_4, e.g., a Compound of Formula **17 a-l**. In one embodiment, the present invention relates to a method for making a Cyclo(hetero)alkenyl Compound comprising allowing an isonicotinolyl chloride Compound of Formula **16** to react with a compound of formula Ar^2-NHR_4. In another embodiment, the compound of formula Ar^2-NHR_4 is 4-trifluoromethyl-aniline. In another embodiment, the compound of formula Ar^2-NHR_4 is 5-trifluoromethyl-pyridin-2-ylamine. In another embodiment, the compound of formula Ar^2-NHR_4 is 2,2-difluoro-benzo[1,3]dioxol-5-ylamine. In another embodiment, the compound of formula Ar^2-NHR_4 is 6-fluoro-benzothiazol-2ylamine.

In certain embodiments, the reaction in Step C2 is carried out with an initial amount of the a compound of formula Ar^2-NHR_4 within the range of from about 1 to about 2 equivalents, or within the range of from about 1 to about 1.5 equivalents, on a molar basis, relative to the Compound of Formula **16**. In another embodiment, this reaction is carried out with about 1.1 equivalents, on a molar basis, of the compound of formula Ar^2-NHR_4, relative to the Compound of Formula **16**.

In certain embodiments, the Compound of Formula **16** is present in the reaction in Step C2 at an initial concentration within the range of from about 0.05M to about 2M, or at an initial concentration within the range of from about 0.1M to about 1M. In a specific embodiment, the Compound of Formula **16** is present in the reaction at an initial concentration of about 0.3M.

In certain embodiments, the reaction in Step C2 is carried out to include an initial amount of a base, such as an inorganic base, e.g., sodium bicarbonate, within the range of from about 1 to about 10 equivalents, or within the range of from about 1 to about 5 equivalents, on a molar basis, relative to the Compound of Formula **16**. In another embodiment, this reaction is carried out with about 3 equivalents, on a molar basis, of base, relative to the Compound of Formula **16**. In one embodiment, the inorganic base is sodium bicarbonate, sodium carbonate, potassium bicarbonate, potassium carbonate or combinations thereof. In another embodiment, the base is sodium bicarbonate. In another embodiment, the base is potassium carbonate.

In certain embodiments, the reaction in Step C2 is carried out at a temperature within the range of from about -10°C to about 80°C; at a temperature within the range of

from about -10°C to about 65°C; or at a temperature within the range of from about 0°C to about 65°C.

In certain embodiments, the reaction in Step C2 is carried out in a nonpolar solvent, e.g., hexane, heptane, benzene, diethyl ether, THF, DCM, DCE, chloroform, carbon tetrachloride and combinations thereof. In one embodiment, the nonpolar solvent is THF, DCM, DCE or combinations thereof. In another embodiment, the nonpolar solvent is THF. In another embodiment, the nonpolar solvent is DCM.

In certain embodiments, the Compound of Formula **17 a-l** is provided as a salt, e.g., the hydrochloride salt, which can be converted to the free amine, using procedures known in the art, prior to reaction in Step C2. For example, the hydrochloride salt of the Compound of Formula **17 a-l** is dissolved in a suitable organic solvent, such as but not limited to chloroform, to provide a solution that is extracted with, e.g., a saturated aqueous solution of Na_2CO_3. The organic layer is recovered and the aqueous layer back-extracted with an additional volume of the organic solvent. The organic solvent layers are combined, extracted with water, dried, e.g., over anhydrous sodium sulfate, and then the liquid is removed to provide the Compound of Formula **17 a-l** as the free amine.

The reaction in Step C2 can be carried out at reduced pressure, atmospheric pressure or elevated pressure, i.e., greater than atmospheric pressure. In one embodiment, the reaction is carried out at atmospheric pressure. In certain embodiments, the reaction in Step C2 is carried out in an air atmosphere. In certain embodiments, the reaction in Step C2 is carried out in an inert atmosphere. In one non-limiting aspect of this embodiment, the reaction in Step C2 is carried out under a nitrogen atmosphere. In another non-limiting aspect of this embodiment, the reaction in Step C2 is carried out under an argon atmosphere.

Progress of the reaction in Step C2 can be monitored using conventional analytical techniques, including but not limited to IR, LC, MS, LCMS, TLC, HPLC, GC, GLC and/or NMR. The reaction according to Step C2 is carried out, in one embodiment, until a starting material is consumed or, in another embodiment, until the ratio of product, the isonicotinamide Compound of Formula **18 a-l**, to starting material, the Compound of Formula **16**, remains essentially constant. Typically, a time sufficient for the reaction in Step C2 is within the range of from about 5 minutes to about 5 hours, from about 5

minutes to about 3 hours, or from about 15 minutes to about 3 hours. In a specific embodiment, the reaction according to Step C2 is carried out for about 1.6 hours.

In another embodiment, the reaction according to Step C2 is carried out in THF with about 1.1 equivalents of a compound of formula Ar^2-NHR_4 and a base, such as sodium bicarbonate (about 3 eq.), each relative to the Compound of Formula **16** (present at an initial concentration of about 0.3M). The reaction mixture is kept at a temperature of about 0°C for about 5 min with stirring, warmed to about 25°C over about 30 min, then heated to about 65°C and kept at that temperature for about 1 h to provide an isonicotinamide Compound of Formula **18 a-l**, which, after the THF is removed, e.g., under reduced pressure, can be used without further purification or, if desired, can be purified. For example, the Compound of Formula **18 a-l** can be suspended in ethyl acetate and washed with aqueous 3N HCl such that separate aqueous and organic layers form. The layers can be separated and the aqueous layer extracted with ethyl acetate as required. The organic layer can be combined with the post-extraction ethyl acetate aliquot(s), the combination dried, e.g., with Na_2SO_4, and the solvent removed, e.g., under reduced pressure, to provide a purified Compound of Formula **18 a-l**. A Compound of Formula **18 a-l** is useful, e.g., as an intermediate for the synthesis of a Cyclo(hetero)alkenyl Compound.

In Step C3 of Scheme C, the isonicotinamide Compound of Formula **18 a-l** is reacted with an alkylating reagent of the formula Z-CH_2-R_z, where Z is Cl, Br or I, and R_z is -H; -(C_1-C_6)alkyl; -(C_3-C_8)cycloalkyl or -(3- to 7-membered)heterocyclo, each of which is optionally substituted with one or more R_5 groups; or -phenyl, -naphthyl, -(C_{14})aryl or -(5- to 10-membered)heteroaryl, each of which is optionally substituted with one or more R_6 groups; where R_5 and R_6 are defined above in connection with the Cyclo(hetero)alkenyl Compounds of Formula (I). In one embodiment, the present invention relates to a method for making a Cyclo(hetero)alkenyl Compound comprising allowing an isonicotinamide Compound of Formula **18 a-l** to react with an alkylating reagent of the formula Z-CH_2-R_z. In another embodiment, R_z is -H; -(C_1-C_6)alkyl; or -phenyl, which is optionally substituted with one or more R_6 groups. In another embodiment, R_z is -H, -(C_1-C_4)alkyl, or -phenyl which is unsubstituted. In another embodiment, R_z is -phenyl which is unsubstituted. Exemplary alkylating reagents include methyl iodide, methyl bromide, ethyl iodide, ethyl bromide, benzyl bromide, benzyl

iodide, benzyl chloride, 4-methoxybenzyl bromide, and 4-methoxybenzyl iodide. In another embodiment, the alkylating reagent is a benzylating reagent, i.e., comprises a benzyl group. Exemplary benzylating reagents include benzyl bromide, benzyl iodide, benzyl chloride, 4-methoxybenzyl bromide, 4-methoxybenzyl iodide, 4-methoxybenzyl chloride, or a mixture thereof. In another embodiment, the benzylating reagent is benzyl bromide, benzyl iodide, benzyl chloride or a mixture thereof. In another embodiment, the benzylating reagent is benzyl bromide. In another embodiment, the benzylating reagent is benzyl iodide. In another embodiment, the benzylating reagent is benzyl chloride. In another embodiment, sodium iodide, potassium iodide, tetrabutylammonium iodide, or combinations thereof is present with an alkylating reagent comprising chlorine.

In certain embodiments, the alkylating reagent is present in the reaction in Step C3 at an initial concentration within the range of from about 0.05M to about 2M, or at an initial concentration within the range of from about 0.1M to about 2M. In a specific embodiment, the Compound of Formula **18 a-l** is present in the reaction at an initial concentration of about 0.35M.

In certain embodiments, the Compound of Formula **18 a-l** is present in the reaction in Step C3 at an initial concentration within the range of from about 0.05M to about 5M, or at an initial concentration within the range of from about 0.1M to about 2M. In a specific embodiment, the Compound of Formula **18 a-l** is present in the reaction at an initial concentration of about 0.24M.

In certain embodiments, the reaction in Step C3 is carried out at a temperature within the range of from about 60°C to about the boiling point of the solvent; at a temperature within the range of from about 65°C to about 100°C; or at a temperature within the range of from about 75°C to about 85°C.

In certain embodiments, the reaction in Step C3 is carried out in a nonpolar solvent, e.g., hexane, heptane, benzene, diethyl ether, THF, DCM, DCE, chloroform, carbon tetrachloride and combinations thereof. In one embodiment, the nonpolar solvent is THF, DMF or combinations thereof. In another embodiment, the nonpolar solvent is a mixture of THF and DMF. In another embodiment, the mixture of THF:DMF is from about 8:1 to about 1:1, or from about 5:1 to about 1:1 by volume. In another embodiment, the mixture of THF:DMF is about 4:1 by volume.

In certain embodiments, the Compound of Formula **18 a-l** is provided as a salt, e.g., the hydrochloride salt, which can be converted to the free amine, using procedures known in the art, prior to reaction with the alkylating reagent. For example, the hydrochloride salt of the Compound of Formula **18 a-l** is dissolved in a suitable organic solvent, such as but not limited to chloroform, to provide a solution that is extracted with, e.g., a saturated aqueous solution of Na_2CO_3. The organic layer is recovered and the aqueous layer back-extracted with an additional volume of the organic solvent. The organic solvent layers are combined, extracted with water, dried, e.g., over anhydrous sodium sulfate, and then the liquid is removed, such as by evaporation under reduced pressure, e.g., with a rotary evaporator, to provide the Compound of Formula **18 a-l** as the free amine.

The reaction in Step C3 can be carried out at reduced pressure, atmospheric pressure or elevated pressure, i.e., greater than atmospheric pressure. In one embodiment, the reaction is carried out at atmospheric pressure. In certain embodiments, the reaction in Step C3 is carried out in an air atmosphere. In certain embodiments, the reaction in Step C3 is carried out in an inert atmosphere. In one non-limiting aspect of this embodiment, the reaction in Step C3 is carried out under a nitrogen atmosphere. In another non-limiting aspect of this embodiment, the reaction in Step C3 is carried out under an argon atmosphere.

Progress of the reaction in Step C3 can be monitored using conventional analytical techniques, including but not limited to IR, LC, MS, LCMS, TLC, HPLC, GC, GLC and/or NMR. The reaction according to Step C3 is carried out, in one embodiment, until a starting material is consumed or, in another embodiment, until the ratio of product, a 1-alkylated-isonicotinamide Compound of Formula **19 a-l**, to starting material, the Compound of Formula **18 a-l**, remains essentially constant. Typically, a time sufficient for the reaction in Step C3 is within the range of from about 1 hour to about 48 hours, from about 3 hours to about 48 hours, or from about 10 hours to about 36 hours. In a specific embodiment, the reaction according to Step C3 is carried out for about 24 hours.

In another embodiment, the reaction according to Step C3 is carried out in 4:1 THF:DMF by volume with the Compound of Formula **18 a-l** present at an initial concentration of about 0.24M, with about a 0.35M initial concentration of benzyl bromide, at a temperature of about 80°C, and for a period of about 24 hours under reflux.

Thereafter, the 1-alkylated-isonicotinamide Compound of Formula **19 a-l** is recovered using methods known to those skilled in the art. For example, the reaction mixture can be cooled to about 25°C and the resulting solid can be filtered off. A majority of the THF can be removed from the filtrate, e.g., under reduced pressure. Diethyl ether can be added to cause a precipitate to form from the DMF-enriched solution. The resulting solid can be filtered off and the solids can be combined and dried to provide the 1-alkylated-isonicotinamide Compound of Formula **19 a-l**. A Compound of Formula **19 a-l** is useful, e.g., as an intermediate for the synthesis of a Cyclo(hetero)alkenyl Compound.

In Step C4 of Scheme C, the 1-alkylated-isonicotinamide Compound of Formula **19 a-l** is reacted with a hydrogenation agent, e.g., $NaBH_4$ or $LiBH_4$. In one embodiment, the present invention relates to a method for making a Cyclo(hetero)alkenyl Compound comprising allowing a 1-alkylated-isonicotinamide Compound of Formula **19 a-l** to react with a hydrogenation agent. In another embodiment, the hydrogenation agent is $NaBH_4$, $LiBH_4$ or a mixture thereof. In another embodiment, the hydrogenation agent is $NaBH_4$. Hydrogenation agents are commercially available from, e.g., Aldrich Chemical Co., or can be prepared by methods known to those skilled in the art.

In certain embodiments, the reaction in Step C4 is carried out with an initial amount of hydrogenation agent within the range of from about 1 to about 10 equivalents, or within the range of from about 1 to about 6 equivalents, on a molar basis, relative to the Compound of Formula **19 a-l**. In another embodiment, this reaction is carried out with about 3.2 equivalents, on a molar basis, of hydrogenation agent, relative to the Compound of Formula **19 a-l**.

In certain embodiments, the Compound of Formula **19 a-l** is present in the reaction in Step C4 at an initial concentration within the range of from about 0.01M to about 5M, or at an initial concentration within the range of from about 0.05M to about 2M. In a specific embodiment, the Compound of Formula **19 a-l** is present in the reaction at an initial concentration of about 0.18M.

In certain embodiments, the reaction in Step C4 is carried out at a temperature within the range of from about -10°C to about 50°C; at a temperature within the range of from about -10°C to about 40°C; or at a temperature within the range of from about 0°C to about 30°C.

In certain embodiments, the reaction in Step C4 is carried out in a polar protic nonaqueous solvent, such as an alcohol, e.g., methanol, ethanol, a dialkylamide, e.g., dimethyl formamide, dimethyl formamide, methyl ethyl formamide, or combinations thereof. In one embodiment, the polar protic nonaqueous solvent is an alcohol, a dialkylamide or combinations thereof. In another embodiment, the polar protic nonaqueous solvent is methanol, ethanol, isopropanol or combinations thereof. In another embodiment, the polar protic nonaqueous solvent is methanol. In another embodiment, the polar protic nonaqueous solvent is dimethyl formamide, dimethyl formamide, methyl ethyl formamide or combinations thereof. In another embodiment, the polar protic nonaqueous solvent is dimethyl formamide.

The reaction in Step C4 can be carried out at reduced pressure, atmospheric pressure or elevated pressure, i.e., greater than atmospheric pressure. In one embodiment, the reaction is carried out at atmospheric pressure. In certain embodiments, the reaction in Step C4 is carried out in an air atmosphere. In certain embodiments, the reaction in Step C4 is carried out in an inert atmosphere. In one non-limiting aspect of this embodiment, the reaction in Step C4 is carried out under a nitrogen atmosphere. In another non-limiting aspect of this embodiment, the reaction in Step C4 is carried out under an argon atmosphere.

Progress of the reaction in Step C4 can be monitored using conventional analytical techniques, including but not limited to IR, LC, MS, LCMS, TLC, HPLC, GC, GLC and/or NMR. The reaction according to Step C4 is carried out, in one embodiment, until a starting material is consumed or, in another embodiment, until the ratio of product, a 1-alkylated-1,2,3,6-tetrahydro-pyridine-4-carboxylic acid amide Compound of Formula **20 a-l**, to starting material, the Compound of Formula **19 a-l**, remains essentially constant. Typically, a time sufficient for the reaction in Step C4 is within the range of from about 5 minutes to about 10 hours, from about 5 minutes to about 5 hours, or from about 15 minutes to about 5 hours. In a specific embodiment, the reaction according to Step C4 is carried out for about 3.5 hours.

In another embodiment, the reaction according to Step C4 is carried out at about 0°C in an alcohol with about 3.2 equivalents, on a molar basis, of a hydrogenation agent, relative to the Compound of Formula **19 a-l,** added portion-wise over a period of about 30 min. Thereafter, the reaction mixture can be stirred for about 1 h at about 0°C and

warmed to about 25°C over about a 2 hour period to provide a 1-alkylated-1,2,3,6-tetrahydro-pyridine-4-carboxylic acid amide Compound of Formula **20 a-l**, which, after the alcohol is removed, e.g., under reduced pressure, can be used without further purification or, if desired, can be purified. For example, the Compound of Formula **20 a-l** can be diluted with brine and ethyl acetate such that separate aqueous and organic layers form. The layers can be separated and the aqueous layer washed with ethyl acetate as required. The organic layer can be combined with the post-washing ethyl acetate aliquot(s), the combination dried, e.g., with Na_2SO_4, and the solvent removed, e.g., under reduced pressure, to provide purified Compound of Formula **20 a-l** which can be used without additional purification or, if desired, can be further purified. For example, the purified Compound of Formula **20 a-l** can be dissolved in DCM and precipitated by adding hexane to the DCM solution. The resulting solid can be filtered off and dried to provide further purified Compound of Formula **20 a-l**. A Compound of Formula **20 a-l** is useful, e.g., as an intermediate for the synthesis of a Cyclo(hetero)alkenyl Compound.

In Step C5 of Scheme C, the 1-alkylated-1,2,3,6-tetrahydro-pyridine-4-carboxylic acid amide Compound of Formula **20 a-l** is reacted with a dealkylating reagent, e.g., α-chloroethylchloroformate. In one embodiment, the present invention relates to a method for making a Cyclo(hetero)alkenyl Compound comprising allowing a 1-alkylated-1,2,3,6-tetrahydro-pyridine-4-carboxylic acid amide Compound of Formula **20 a-l** to react with a dealkylating reagent. In another embodiment, the dealkylating reagent is α-chloroethylchloroformate, 2,2,2-trichloroethylchloroformate or a mixture thereof. In another embodiment, the dealkylating reagent is α-chloroethylchloroformate. In another embodiment, the dealkylating reagent is 2,2,2-trichloroethylchloroformate. Dealkylating reagents are commercially available from, e.g., Aldrich Chemical Co., or can be prepared by methods known to those skilled in the art.

In certain embodiments, the dealkylating reagent is present in the reaction in Step C5 at an initial concentration within the range of from about 0.05M to about 4M, or at an initial concentration within the range of from about 0.06M to about 4M. In a specific embodiment, the dealkylating reagent is present in the reaction at an initial concentration of about 0.32M.

In certain embodiments, the Compound of Formula **20 a-l** is present in the reaction in Step C5 at an initial concentration within the range of from about 0.01M to

about 5M, or at an initial concentration within the range of from about 0.05M to about 2M. In a specific embodiment, the Compound of Formula **20 a-l** is present in the reaction at an initial concentration of about 0.17M.

In certain embodiments, the reaction in Step C5 is carried out at a temperature within the range of from about 0°C to about the boiling point of the solvent; at a temperature within the range of from about 0°C to about 100°C; or at a temperature within the range of from about 0°C to about 90°C.

In certain embodiments, the reaction in Step C5 is carried out in a nonpolar solvent, e.g., hexane, heptane, benzene, diethyl ether, THF, DCM, DCE, chloroform, carbon tetrachloride and combinations thereof. In one embodiment, the nonpolar solvent is DCE, THF or combinations thereof. In another embodiment, the nonpolar solvent is DCE. In another embodiment, the nonpolar solvent is THF.

In certain embodiments, the Compound of Formula **20 a-l** is provided as a salt, e.g., the hydrochloride salt, which can be converted to the free amine, using procedures known in the art, prior to reaction with the dealkylating reagent. For example, the hydrochloride salt of the Compound of Formula **20 a-l** is dissolved in a suitable organic solvent, such as but not limited to chloroform, to provide a solution that is extracted with, e.g., a saturated aqueous solution of Na_2CO_3. The organic layer is recovered and the aqueous layer back-extracted with an additional volume of the organic solvent. The organic solvent layers are combined, extracted with water, dried, e.g., over anhydrous sodium sulfate, and then the liquid is removed, such as by evaporation under reduced pressure, e.g., with a rotary evaporator, to provide the Compound of Formula **20 a-l** as the free amine.

The reaction in Step C5 can be carried out at reduced pressure, atmospheric pressure or elevated pressure, i.e., greater than atmospheric pressure. In one embodiment, the reaction is carried out at atmospheric pressure. In certain embodiments, the reaction in Step C5 is carried out in an air atmosphere. In certain embodiments, the reaction in Step C5 is carried out in an inert atmosphere. In one non-limiting aspect of this embodiment, the reaction in Step C5 is carried out under a nitrogen atmosphere. In another non-limiting aspect of this embodiment, the reaction in Step C5 is carried out under an argon atmosphere.

Progress of the reaction in Step C5 can be monitored using conventional analytical techniques, including but not limited to IR, LC, MS, LCMS, TLC, HPLC, GC, GLC and/or NMR. The reaction according to Step C5 is carried out, in one embodiment, until a starting material is consumed or, in another embodiment, until the ratio of product, a 1,2,3,6-tetrahydro-pyridine-4-carboxylic acid amide Compound of Formula **21 a-l**, to starting material, the Compound of Formula **20 a-l**, remains essentially constant. Typically, a time sufficient for the reaction in Step C5 is within the range of from about 0.3 hours to about 48 hours, from about 0.5 hours to about 48 hours, or from about 0.5 hours to about 5 hours. In a specific embodiment, the reaction according to Step C5 is carried out for about 4.75 hours.

In another embodiment, the reaction according to Step C5 is carried out in DCE with the Compound of Formula **20 a-l** present at an initial concentration of about 0.17M, with about a 0.32M initial concentration of α-chloroethylchloroformate (after adding drop-wise over a 15 minute period) at a temperature of about 0°C. The reaction mixture can be warmed to about 25°C over a period of about 30 min then heated to about 83°C for about 4 hours at that temperature to provide a 1,2,3,6-tetrahydro-pyridine-4-carboxylic acid amide Compound of Formula **21 a-l**, which, after the solvent and unreacted α-chloroethylchloroformate are removed, e.g., under reduced pressure, can be used without further purification or, if desired, can be purified. For example, the Compound of Formula **21 a-l** can be dissolved in methanol, refluxed for about 3 hours at a temperature of about 65°C, and the methanol removed, e.g., under reduced pressure, to provide purified Compound of Formula **21 a-l** which can be used without additional purification or, if desired, can be further purified. For example, the purified Compound of Formula **21 a-l** can be dissolved in DCM and precipitated by adding diethyl ether to the DCM solution. The resulting solid can be filtered off and dried to provide further purified Compound of Formula **21 a-l**. A Compound of Formula **21 a-l** is useful, e.g., as an intermediate for the synthesis of a Cyclo(hetero)alkenyl Compound.

In Step C6 of Scheme C, the 1,2,3,6-tetrahydro-pyridine-4-carboxylic acid amide Compound of Formula **21 a-l** is reacted with a compound of formula Ar^1-Z, where Z is Cl, Br or I. In one embodiment, the present invention relates to a method for making a Cyclo(hetero)alkenyl Compound comprising allowing a 1,2,3,6-tetrahydro-pyridine-4-carboxylic acid amide Compound of Formula **21 a-l** to react with a compound of formula

Ar^1-Z. In another embodiment, the compound of formula Ar^1-Z is 2-chloro-3-nitropyridine. In another embodiment, the compound of formula Ar^1-Z is 2,3-dichloropyridine. In another embodiment, the compound of formula Ar^1-Z is 2-chloro-3-fluoropyridine.

In certain embodiments, the compound of formula Ar^1-Z is present in the reaction in Step C6 at an initial concentration within the range of from about 0.01M to about 5M, or at an initial concentration within the range of from about 0.05M to about 3M. In a specific embodiment, the compound of formula Ar^1-Z is present in the reaction at an initial concentration of about 0.064M.

In certain embodiments, the Compound of Formula **21 a-l** is present in the reaction in Step C6 at an initial concentration within the range of from about 0.01M to about 5M, or at an initial concentration within the range of from about 0.05M to about 3M. In a specific embodiment, the Compound of Formula **21 a-l** is present in the reaction at an initial concentration of about 0.068M.

In certain embodiments, a trialkylamine, such as triethylamine, trimethylamine, methyl diethylamine or diisopropyl ethylamine, is present in the reaction in Step C6 at an initial concentration within the range of from about 0.01M to about 5M, or at an initial concentration within the range of from about 0.05M to about 3M. In a specific embodiment, the trialkylamine is present in the reaction at an initial concentration of about 0.27M. In one embodiment, the trialkylamine is triethylamine, trimethylamine, methyl diethylamine, diisopropyl ethylamine or combinations thereof. In another embodiment, the trialkylamine is triethylamine.

In certain embodiments, the reaction in Step C6 is carried out at a temperature within the range of from about 15°C to about 140°C; at a temperature within the range of from about 25°C to about 140°C; or at a temperature within the range of from about 15°C to about 30°C.

In certain embodiments, the reaction in Step C6 is carried out in a solvent, e.g., hexane, heptane, benzene, diethyl ether, THF, DCM, DCE, chloroform, carbon tetrachloride, DMF, DMSO, and combinations thereof. In one embodiment, the nonpolar solvent is DCE, THF or combinations thereof. In another embodiment, the nonpolar solvent is DCE.

The reaction in Step C6 can be carried out at reduced pressure, atmospheric pressure or elevated pressure, i.e., greater than atmospheric pressure. In one embodiment, the reaction is carried out at atmospheric pressure. In certain embodiments, the reaction in Step C6 is carried out in an air atmosphere. In certain embodiments, the reaction in Step C6 is carried out in an inert atmosphere. In one non-limiting aspect of this embodiment, the reaction in Step C6 is carried out under a nitrogen atmosphere. In another non-limiting aspect of this embodiment, the reaction in Step C6 is carried out under an argon atmosphere.

Progress of the reaction in Step C6 can be monitored using conventional analytical techniques, including but not limited to IR, LC, MS, LCMS, TLC, HPLC, GC, GLC and/or NMR. The reaction according to Step C6 is carried out, in one embodiment, until a starting material is consumed or, in another embodiment, until the ratio of product, the Cyclo(hetero)alkenyl Compound, to starting material, the Compound of Formula **21 a-l**, remains essentially constant. Typically, a time sufficient for the reaction in Step C6 is within the range of from about 0.5 hours to about 48 hours, from about 0.5 hours to about 36 hours, or from about 3 hours to about 24 hours. In a specific embodiment, the reaction according to Step C6 is carried out for about 12 hours.

In another embodiment, the reaction according to Step C6 is carried out in DCE with about 0.064M of a compound of formula Ar^1-Z, about 0.068M of a Compound of Formula **21 a-l**, and about 0.27M of a trialkylamine, such as triethylamine, trimethylamine, methyl diethylamine or diisopropyl ethylamine. The reaction mixture is kept at a temperature within the range of from about 20°C to about 30°C for a period of about 12 hours with stirring. Thereafter, the mixture can be poured into aqueous sodium bicarbonate and DCM such that separate aqueous and organic layers form. The organic layer is separated from the aqueous layer. The organic layer is dried, e.g., with Na_2SO_4, and the solvent is removed, e.g., under reduced pressure, to provide a residue that can be used without further purification or, if desired, can be purified to provide a Cyclo(hetero)alkenyl Compound where V is N. For example, the residue can be dissolved in DCM and precipitated by adding hexane to the DCM solution. The resulting solid can be filtered off and dried to provide a purified Cyclo(hetero)alkenyl Compound where V is N. As discussed above, if a mixture of Cyclo(hetero)alkenyl Compounds is

obtained where m = 1, the mixture can be separated by conventional methods, for example, column chromatography.

The Compound of Formula (I) where X is S (*i.e.*, the Compound of Formula (II ')) can be made by, *e.g.*, reacting a Compound of Formula (II) (*i.e.*, where X is O) with Lawesson's reagent as described in connection with Scheme A.

Thus, in another embodiment, a method for preparing a Cyclo(hetero)alkenyl Compound comprises allowing a 1,2,3,6-tetrahydro-pyridine-4-carboxylic acid amide compound to react with a compound of formula Ar^1-Z to provide a Cyclo(hetero)alkenyl Compound; where Z is Cl, Br or I.

In another embodiment, a method for preparing a Cyclo(hetero)alkenyl Compound comprises allowing a 1-alkylated-1,2,3,6-tetrahydro-pyridine-4-carboxylic acid amide compound to react with a dealkylating reagent to provide a 1,2,3,6-tetrahydro-pyridine-4-carboxylic acid amide compound.

In another embodiment, a method for preparing a Cyclo(hetero)alkenyl Compound comprises allowing a 1-alkylated-isonicotinamide compound to react with a hydrogenation agent to provide a 1-alkylated-1,2,3,6-tetrahydro-pyridine-4-carboxylic acid amide compound.

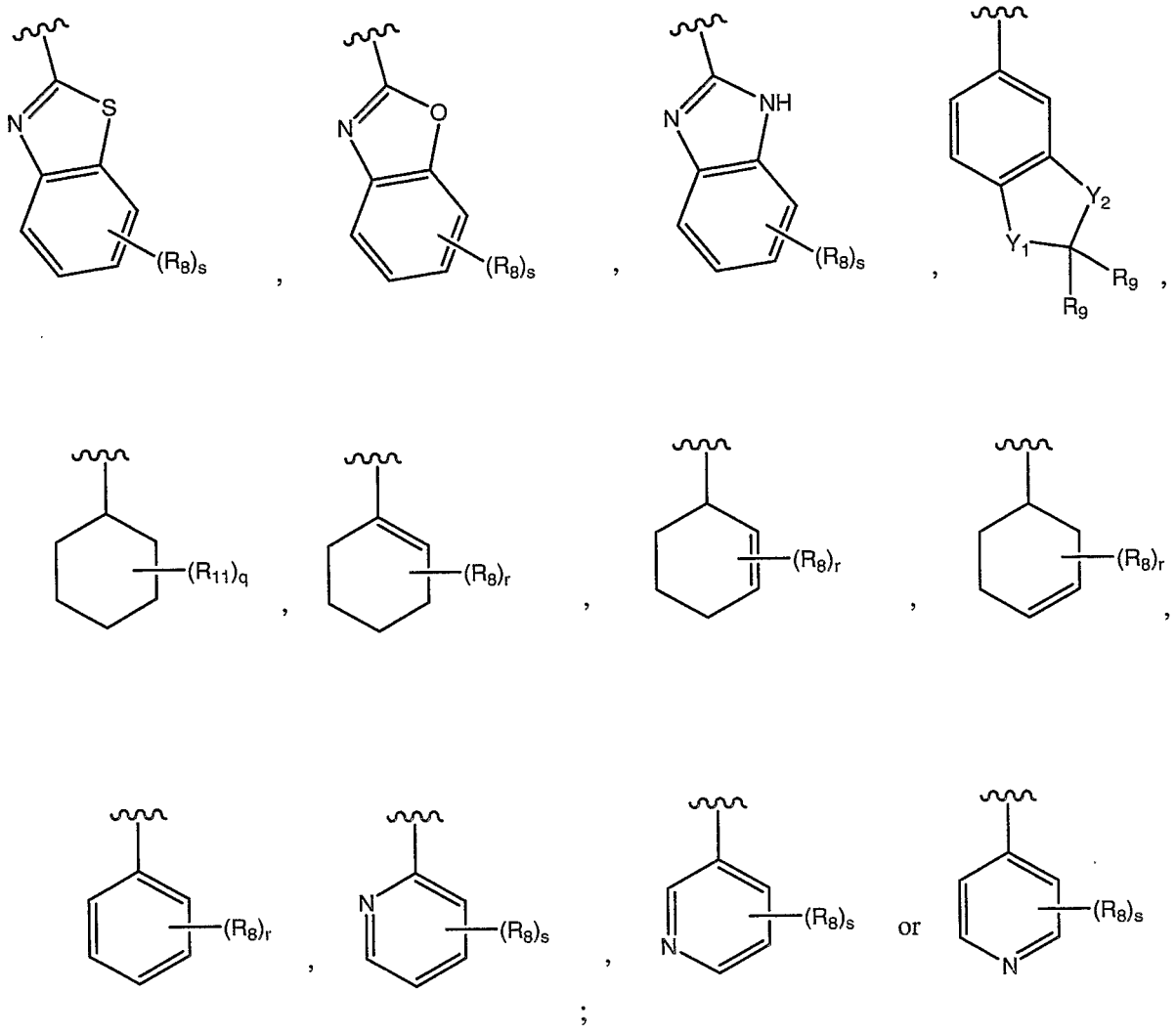
In another embodiment, a method for preparing a Cyclo(hetero)alkenyl Compound comprises allowing an isonicotinamide compound to react with an alkylating reagent to provide a 1-alkylated-isonicotinamide compound.

In another embodiment, in method for preparing a Cyclo(hetero)alkenyl Compound, the alkylating reagent is a benzylating reagent selected from benzyl bromide, benzyl iodide, benzyl chloride or a mixture thereof.

In another embodiment, a method for preparing a Cyclo(hetero)alkenyl Compound comprises forming the isonicotinamide compound by allowing an isonicotinolyl chloride compound to react with a compound of formula Ar^2-NHR_4;

where R_4 is -H or -(C_1-C_6)alkyl; and

Ar^2 is



where Y_1 and Y_2 are -CH_2- and -CH_2-, -O- and -O-, -NH- and -NH-, -S- and -S-, -CH_2- and -O-, -CH_2- and -NH-, -CH_2- and -S-, -O- and -CH_2-, -NH- and -CH_2-, -S- and -CH_2-, -O- and -NH-, -NH- and -O-, -S- and -NH-, or -NH- and -S- respectively;

each R_7 is independently -H, -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3–C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -(3- to 5-membered)heterocycle, -C(halo)$_3$, -CH(halo)$_2$, or CH_2(halo);

each R_8 is independently -(C_1–C_{10})alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3-C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -C(halo)$_3$, -CH(halo)$_2$, -CH_2(halo), -CN, -OH, -halo, -N_3, -NO_2, -N(R_7)$_2$, -CH=NR_7, -NR_7OH, -OR_7, -COR_7, -C(O)OR_7, -OC(O)R_7, -OC(O)OR_7, -SR_7, -S(O)R_7, -S(O)$_2$$R_7$, -$R_7OR_7$, -$R_7COR_7$, -$R_7$C(O)O$R_7$, -$R_7$OC(O)$R_7$, -$R_7$OC(O)O$R_7$, -$R_7SR_7$, -$R_7$S(O)$R_7$, -$R_7$S(O)$_2$$R_7$, -C(halo)$_2$C(halo)$_3$, -C(halo)$_2$CH(halo)$_2$, -CH(C(halo)$_3$)$_2$, -CH(C(halo)$_3$)($CH_3$), -OC(halo)$_2$C(halo)$_3$,

$-OC(halo)_2CH(halo)_2$, $-OCH(C(halo)_3)_2$, $-OCH(C(halo)_3)(CH_3)$, $-C(OH)(CF_3)_2$, $-(C_1-C_{10})$alkyl, or -(3- to 7-membered)heterocycle;

each R_9 is independently -H, -halo or $-(C_1-C_6)$alkyl;

each R_{11} is independently -CN, -OH, $-(C_1-C_6)$alkyl, $-(C_2-C_6)$alkenyl, $-(C_2-C_6)$alkynyl, -halo, $-N_3$, $-NO_2$, $-N(R_7)_2$, $-CH=NR_7$, $-NR_7OH$, $-OR_7$, $-COR_7$, $-C(O)OR_7$, $-OC(O)R_7$, or $-OC(O)OR_7$;

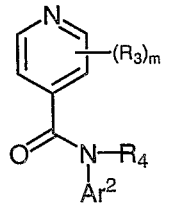
each halo is independently -F, -Cl, -Br, or -I;

q is an integer ranging from 0 to 6;

r is an integer ranging from 0 to 5; and

s is an integer ranging from 0 to 4.

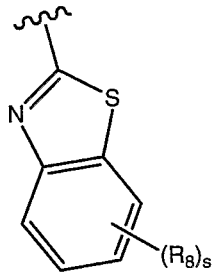
In another embodiment, the present invention relates to a compound of formula 18 a-l

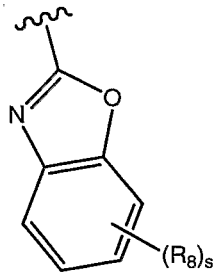


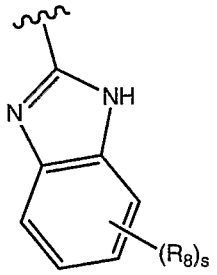
18 a-l

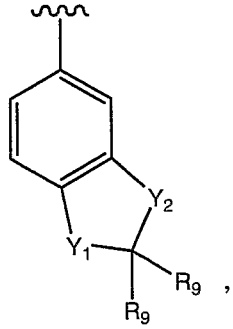
or a pharmaceutically acceptable salt thereof, where:

Ar^2 is

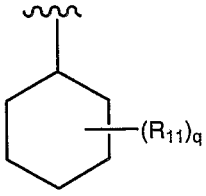


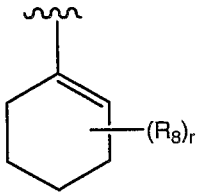
,


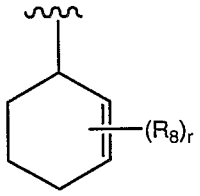
,


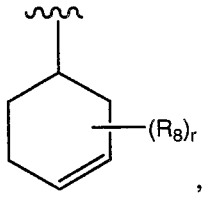
,


,

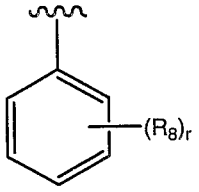


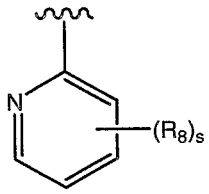
,


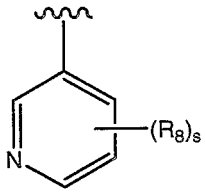
,


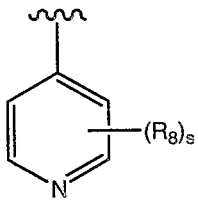
,


,



,


,


or


;

Y_1 and Y_2 are -CH_2- and -CH_2-, -O- and -O-, -NH- and -NH-, -S- and -S-, -CH_2- and -O-, -CH_2- and -NH-, -CH_2- and -S-, -O- and -CH_2-, -NH- and -CH_2-, -S- and -CH_2-, -O- and -NH-, -NH- and -O-, -S- and -NH-, or -NH- and -S- respectively;

each R_3 is independently:

(a) -halo, -CN, -OH, -NO_2, or -NH_2,

(b) -(C_1-C_{10})alkyl, -(C_2-C_{10})alkenyl, -(C_2-C_{10})alkynyl, -(C_3-C_{10})cycloalkyl, -(C_8-C_{14})bicycloalkyl, -(C_8-C_{14})tricycloalkyl, -(C_5-C_{10})cycloalkenyl, -(C_8-C_{14})bicycloalkenyl, -(C_8-C_{14})tricycloalkenyl, -(3- to 7-membered)heterocycle, or -(7- to 10-membered)bicycloheterocycle, each of which is unsubstituted or substituted with one or more R_5 groups, or

(c) -phenyl, -naphthyl, -(C_{14})aryl or -(5- to 10-membered) heteroaryl, each of which is unsubstituted or substituted with one or more R_6 groups;

R_4 is -H or -(C_1-C_6)alkyl;

each R_5 is independently -CN, -OH, -$(C_1$–$C_6)$alkyl, -$(C_2$–$C_6)$alkenyl, -$(C_2$–$C_6)$alkynyl, -halo, -N_3, -NO_2, -$N(R_7)_2$, -CH=NR_7, -NR_7OH, -OR_7, -COR_7, -C(O)OR_7, -OC(O)R_7, -OC(O)OR_7, -SR_7, -S(O)R_7, or -$S(O)_2R_7$;

each R_6 is independently -$(C_1$–$C_6)$alkyl, -$(C_2$–$C_6)$alkenyl, -$(C_2$–$C_6)$alkynyl, -$(C_3$–$C_8)$cycloalkyl, -$(C_5$–$C_8)$cycloalkenyl, -phenyl, -(3- to 5-membered)heterocycle, -C(halo)$_3$, -CH(halo)$_2$, -CH_2(halo), -CN, -OH, -halo, -N_3, -NO_2, -$N(R_7)_2$, -CH=NR_7, -NR_7OH, -OR_7, -COR_7, -C(O)OR_7, -OC(O)R_7, -OC(O)OR_7, -SR_7, -S(O)R_7, or -$S(O)_2R_7$;

each R_7 is independently -H, -$(C_1$–$C_6)$alkyl, -$(C_2$–$C_6)$alkenyl, -$(C_2$–$C_6)$alkynyl, -$(C_3$–$C_8)$cycloalkyl, -$(C_5$–$C_8)$cycloalkenyl, -phenyl, -(3- to 5-membered)heterocycle, -C(halo)$_3$, -CH(halo)$_2$, or CH_2(halo);

each R_8 is independently -$(C_1$–$C_{10})$alkyl, -$(C_2$–$C_6)$alkenyl, -$(C_2$–$C_6)$alkynyl, -$(C_3$-$C_8)$cycloalkyl, -$(C_5$–$C_8)$cycloalkenyl, -phenyl, -C(halo)$_3$, -CH(halo)$_2$, -CH_2(halo), -CN, -OH, -halo, -N_3, -NO_2, -$N(R_7)_2$, -CH=NR_7, -NR_7OH, -OR_7, -COR_7, -C(O)OR_7, -OC(O)R_7, -OC(O)OR_7, -SR_7, -S(O)R_7, -$S(O)_2R_7$, -R_7OR_7, -R_7COR_7, -R_7C(O)OR_7, -R_7OC(O)R_7, -R_7OC(O)OR_7, -R_7SR_7, -R_7S(O)R_7, -$R_7S(O)_2R_7$, -C(halo)$_2$C(halo)$_3$, -C(halo)$_2$CH(halo)$_2$, -CH(C(halo)$_3$)$_2$, -CH(C(halo)$_3$)(CH_3), -OC(halo)$_2$C(halo)$_3$, -OC(halo)$_2$CH(halo)$_2$, -OCH(C(halo)$_3$)$_2$, -OCH(C(halo)$_3$)(CH_3), -C(OH)(CF_3)$_2$, -$(C_1$–$C_{10})$alkyl, or -(3- to 7-membered)heterocycle;

each R_9 is independently -H, -halo or -$(C_1$–$C_6)$alkyl;

each R_{11} is independently -CN, -OH, -$(C_1$–$C_6)$alkyl, -$(C_2$–$C_6)$alkenyl, -$(C_2$–$C_6)$alkynyl, -halo, -N_3, -NO_2, -$N(R_7)_2$, -CH=NR_7, -NR_7OH, -OR_7, -COR_7, -C(O)OR_7, -OC(O)R_7, or -OC(O)OR_7;

each halo is independently -F, -Cl, -Br, or -I;

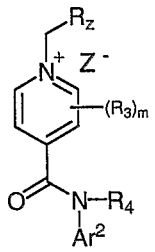
m is 0 or 1 and when m is 1, R_3 is attached to the 2-, 3-, 5-, or 6-position of the cyclo(hetero)alkenyl ring;

q is an integer ranging from 0 to 6;

r is an integer ranging from 0 to 5; and

s is an integer ranging from 0 to 4.

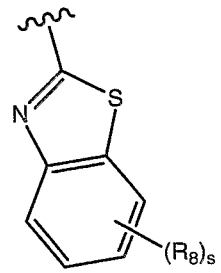
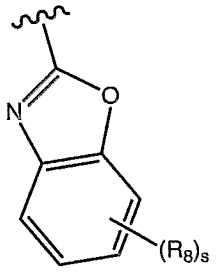
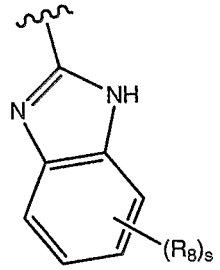
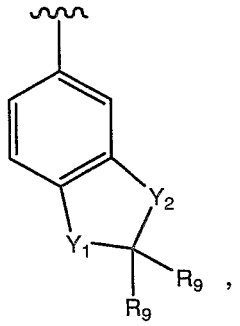
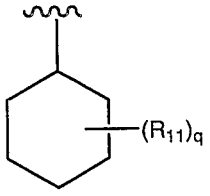
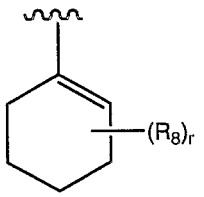
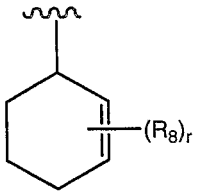
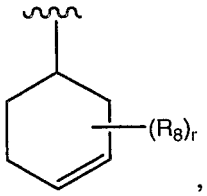
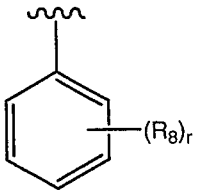
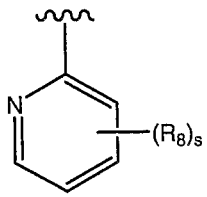
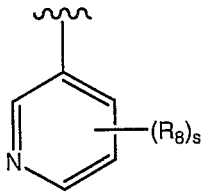
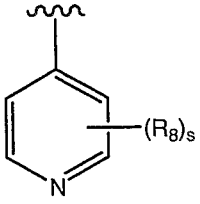
In another embodiment, the present invention relates to a compound of formula 19 a-l



19 a-l

or a pharmaceutically acceptable salt thereof, where:

Ar^2 is


,

,

,

,

,

,

,

,

,

,

or

;

Y_1 and Y_2 are -CH_2- and -CH_2-, -O- and -O-, -NH- and -NH-, -S- and -S-, -CH_2- and -O-, -CH_2- and -NH-, -CH_2- and -S-, -O- and -CH_2-, -NH- and -CH_2-, -S- and -CH_2-, -O- and -NH-, -NH- and -O-, -S- and -NH-, or -NH- and -S- respectively;

each R_3 is independently:

(a) -halo, -CN, -OH, -NO_2, or -NH_2,

(b) -(C_1-C_{10})alkyl, -(C_2-C_{10})alkenyl, -(C_2-C_{10})alkynyl, -(C_3-C_{10})cycloalkyl, -(C_8-C_{14})bicycloalkyl, -(C_8-C_{14})tricycloalkyl, -(C_5-C_{10})cycloalkenyl, -(C_8-C_{14})bicycloalkenyl, -(C_8-C_{14})tricycloalkenyl, -(3- to 7-membered)heterocycle, or -(7- to 10-membered)bicycloheterocycle, each of which is unsubstituted or substituted with one or more R_5 groups, or

(c) -phenyl, -naphthyl, -(C_{14})aryl or -(5- to 10-membered) heteroaryl, each of which is unsubstituted or substituted with one or more R_6 groups;

R_4 is -H or -(C_1-C_6)alkyl;

each R_5 is independently -CN, -OH, -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -halo, -N_3, -NO_2, -$N(R_7)_2$, -CH=NR_7, -NR_7OH, -OR_7, -COR_7, -C(O)OR_7, -OC(O)R_7, -OC(O)OR_7, -SR_7, -S(O)R_7, or -$S(O)_2R_7$;

each R_6 is independently -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3–C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -(3- to 5-membered)heterocycle, -C(halo)$_3$, -CH(halo)$_2$, -CH_2(halo), -CN, -OH, -halo, -N_3, -NO_2, -$N(R_7)_2$, -CH=NR_7, -NR_7OH, -OR_7, -COR_7, -C(O)OR_7, -OC(O)R_7, -OC(O)OR_7, -SR_7, -S(O)R_7, or -$S(O)_2R_7$;

each R_7 is independently -H, -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3–C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -(3- to 5-membered)heterocycle, -C(halo)$_3$, -CH(halo)$_2$, or CH_2(halo);

each R_8 is independently -(C_1–C_{10})alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3-C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -C(halo)$_3$, -CH(halo)$_2$, -CH_2(halo), -CN, -OH, -halo, -N_3, -NO_2, -$N(R_7)_2$, -CH=NR_7, -NR_7OH, -OR_7, -COR_7, -C(O)OR_7, -OC(O)R_7, -OC(O)OR_7, -SR_7, -S(O)R_7, -$S(O)_2R_7$, -R_7OR_7, -R_7COR_7, -R_7C(O)OR_7, -R_7OC(O)R_7, -R_7OC(O)OR_7, -R_7SR_7, -R_7S(O)R_7, -$R_7S(O)_2R_7$, -C(halo)$_2$C(halo)$_3$, -C(halo)$_2$CH(halo)$_2$, -CH(C(halo)$_3$)$_2$, -CH(C(halo)$_3$)(CH_3), -OC(halo)$_2$C(halo)$_3$, -OC(halo)$_2$CH(halo)$_2$, -OCH(C(halo)$_3$)$_2$, -OCH(C(halo)$_3$)(CH_3), -C(OH)(CF_3)$_2$, -(C_1–C_{10})alkyl, or -(3- to 7-membered)heterocycle;

each R_9 is independently -H, -halo or -(C_1–C_6)alkyl;

each R_{11} is independently -CN, -OH, -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -halo, -N_3, -NO_2, -$N(R_7)_2$, -$CH{=}NR_7$, -NR_7OH, -OR_7, -COR_7, -$C(O)OR_7$, -$OC(O)R_7$, or -$OC(O)OR_7$;

each halo is independently -F, -Cl, -Br, or -I;

m is 0 or 1 and when m is 1, R_3 is attached to the 2-, 3-, 5-, or 6-position of the cyclo(hetero)alkenyl ring;

q is an integer ranging from 0 to 6;

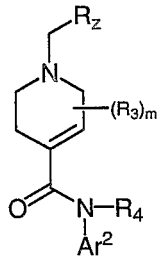
r is an integer ranging from 0 to 5;

s is an integer ranging from 0 to 4;

R_z is -phenyl which is optionally substituted with one or more R_6 groups, -H or -(C_1-C_6)alkyl; and

Z is Cl, Br or I.

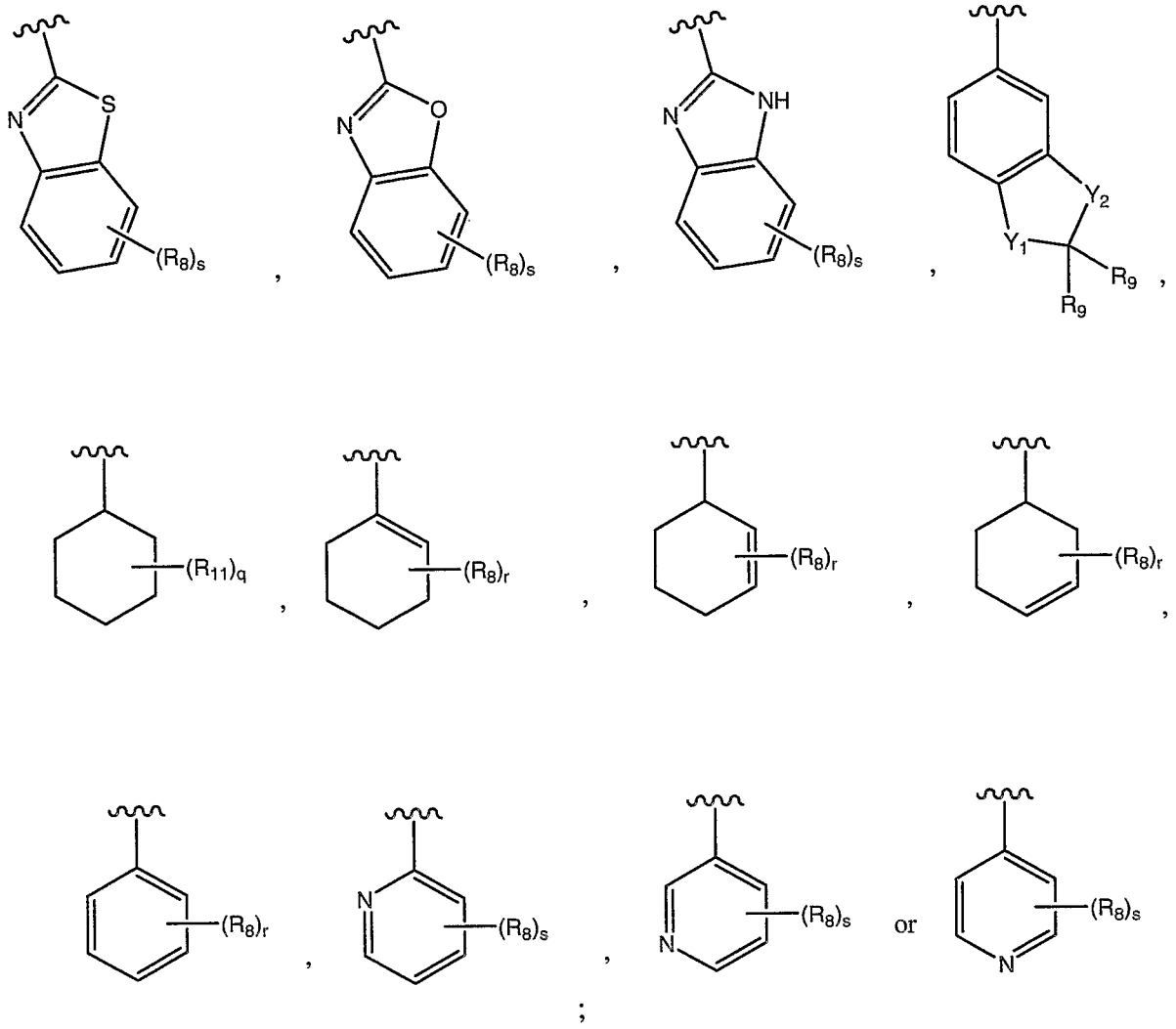
In another embodiment, the present invention relates to a compound of formula 20 a-l



20 a-l

or a pharmaceutically acceptable salt thereof, where:

Ar^2 is



;

Y_1 and Y_2 are -CH_2- and -CH_2-, -O- and -O-, -NH- and -NH-, -S- and -S-, -CH_2- and -O-, -CH_2- and -NH-, -CH_2- and -S-, -O- and -CH_2-, -NH- and -CH_2-, -S- and -CH_2-, -O- and -NH-, -NH- and -O-, -S- and -NH-, or -NH- and -S- respectively;

each R_3 is independently:

(a) -halo, -CN, -OH, -NO_2, or -NH_2,

(b) -(C_1-C_{10})alkyl, -(C_2-C_{10})alkenyl, -(C_2-C_{10})alkynyl, -(C_3-C_{10})cycloalkyl, -(C_8-C_{14})bicycloalkyl, -(C_8-C_{14})tricycloalkyl, -(C_5-C_{10})cycloalkenyl, -(C_8-C_{14})bicycloalkenyl, -(C_8-C_{14})tricycloalkenyl, -(3- to 7-membered)heterocycle, or -(7- to 10-membered)bicycloheterocycle, each of which is unsubstituted or substituted with one or more R_5 groups, or

(c) -phenyl, -naphthyl, -(C_{14})aryl or -(5- to 10-membered) heteroaryl, each of which is unsubstituted or substituted with one or more R_6 groups;

R_4 is -H or -(C_1-C_6)alkyl;

each R_5 is independently -CN, -OH, -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -halo, -N_3, -NO_2, -$N(R_7)_2$, -$CH{=}NR_7$, -NR_7OH, -OR_7, -COR_7, -$C(O)OR_7$, -$OC(O)R_7$, -$OC(O)OR_7$, -SR_7, -$S(O)R_7$, or -$S(O)_2R_7$;

each R_6 is independently -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3–C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -(3- to 5-membered)heterocycle, -$C(halo)_3$, -$CH(halo)_2$, -$CH_2(halo)$, -CN, -OH, -halo, -N_3, -NO_2, -$N(R_7)_2$, -$CH{=}NR_7$, -NR_7OH, -OR_7, -COR_7, -$C(O)OR_7$, -$OC(O)R_7$, -$OC(O)OR_7$, -SR_7, -$S(O)R_7$, or -$S(O)_2R_7$;

each R_7 is independently -H, -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3–C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -(3- to 5-membered)heterocycle, -$C(halo)_3$, -$CH(halo)_2$, or $CH_2(halo)$;

each R_8 is independently -(C_1–C_{10})alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3-C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -$C(halo)_3$, -$CH(halo)_2$, -$CH_2(halo)$, -CN, -OH, -halo, -N_3, -NO_2, -$N(R_7)_2$, -$CH{=}NR_7$, -NR_7OH, -OR_7, -COR_7, -$C(O)OR_7$, -$OC(O)R_7$, -$OC(O)OR_7$, -SR_7, -$S(O)R_7$, -$S(O)_2R_7$, -R_7OR_7, -R_7COR_7, -$R_7C(O)OR_7$, -$R_7OC(O)R_7$, -$R_7OC(O)OR_7$, -R_7SR_7, -$R_7S(O)R_7$, -$R_7S(O)_2R_7$, -$C(halo)_2C(halo)_3$, -$C(halo)_2CH(halo)_2$, -$CH(C(halo)_3)_2$, -$CH(C(halo)_3)(CH_3)$, -$OC(halo)_2C(halo)_3$, -$OC(halo)_2CH(halo)_2$, -$OCH(C(halo)_3)_2$, -$OCH(C(halo)_3)(CH_3)$, -$C(OH)(CF_3)_2$, -(C_1–C_{10})alkyl, or -(3- to 7-membered)heterocycle;

each R_9 is independently -H, -halo or -(C_1–C_6)alkyl;

each R_{11} is independently -CN, -OH, -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -halo, -N_3, -NO_2, -$N(R_7)_2$, -$CH{=}NR_7$, -NR_7OH, -OR_7, -COR_7, -$C(O)OR_7$, -$OC(O)R_7$, or -$OC(O)OR_7$;

each halo is independently -F, -Cl, -Br, or -I;

m is 0 or 1 and when m is 1, R_3 is attached to the 2-, 3-, 5-, or 6-position of the cyclo(hetero)alkenyl ring;

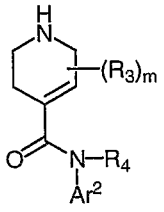
q is an integer ranging from 0 to 6;

r is an integer ranging from 0 to 5;

s is an integer ranging from 0 to 4; and

R_z is -phenyl which is optionally substituted with one or more R_6 groups, -H or -(C_1-C_6)alkyl.

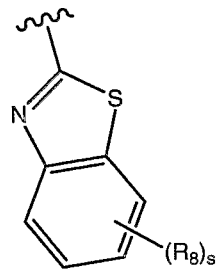
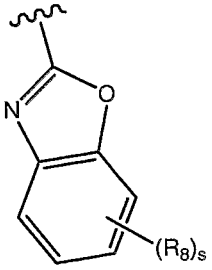
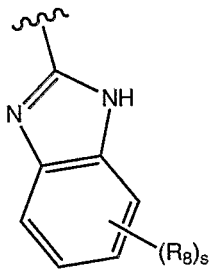
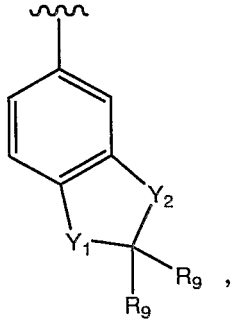
In another embodiment, the present invention relates to a compound of formula 21 a-1

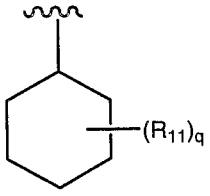
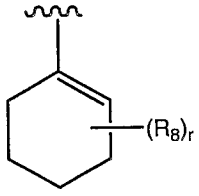
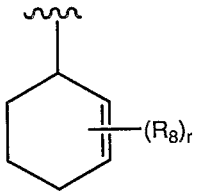
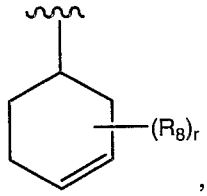


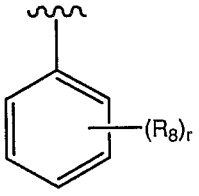
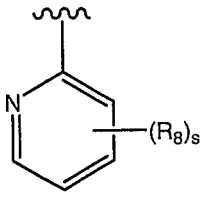
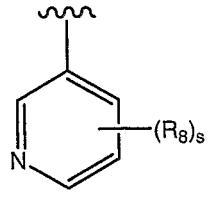
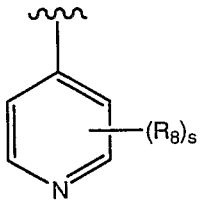
21 a-l

or a pharmaceutically acceptable salt thereof, where:

Ar^2 is


,

,

,

,


,

,

,

,


,

,

or

;

Y_1 and Y_2 are -CH_2- and -CH_2-, -O- and -O-, -NH- and -NH-, -S- and -S-, -CH_2- and -O-, -CH_2- and -NH-, -CH_2- and -S-, -O- and -CH_2-, -NH- and -CH_2-, -S- and -CH_2-, -O- and -NH-, -NH- and -O-, -S- and -NH-, or -NH- and -S- respectively;

each R_3 is independently:

(a) -halo, -CN, -OH, -NO_2, or -NH_2,

(b) -(C_1-C_{10})alkyl, -(C_2-C_{10})alkenyl, -(C_2-C_{10})alkynyl, -(C_3-C_{10})cycloalkyl, -(C_8-C_{14})bicycloalkyl, -(C_8-C_{14})tricycloalkyl, -(C_5-C_{10})cycloalkenyl, -(C_8-C_{14})bicycloalkenyl, -(C_8-C_{14})tricycloalkenyl, -(3- to 7-membered)heterocycle, or -(7- to 10-membered)bicycloheterocycle, each of which is unsubstituted or substituted with one or more R_5 groups, or

(c) -phenyl, -naphthyl, -(C_{14})aryl or -(5- to 10-membered) heteroaryl, each of which is unsubstituted or substituted with one or more R_6 groups;

R_4 is -H or -(C_1-C_6)alkyl;

each R_5 is independently -CN, -OH, -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -halo, -N_3, -NO_2, -$N(R_7)_2$, -CH=NR_7, -NR_7OH, -OR_7, -COR_7, -C(O)OR_7, -OC(O)R_7, -OC(O)OR_7, -SR_7, -S(O)R_7, or -$S(O)_2R_7$;

each R_6 is independently -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3–C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -(3- to 5-membered)heterocycle, -C(halo)$_3$, -CH(halo)$_2$, -CH_2(halo), -CN, -OH, -halo, -N_3, -NO_2, -$N(R_7)_2$, -CH=NR_7, -NR_7OH, -OR_7, -COR_7, -C(O)OR_7, -OC(O)R_7, -OC(O)OR_7, -SR_7, -S(O)R_7, or -$S(O)_2R_7$;

each R_7 is independently -H, -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3–C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -(3- to 5-membered)heterocycle, -C(halo)$_3$, -CH(halo)$_2$, or CH_2(halo);

each R_8 is independently -(C_1–C_{10})alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3-C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -C(halo)$_3$, -CH(halo)$_2$, -CH_2(halo), -CN, -OH, -halo, -N_3, -NO_2, -$N(R_7)_2$, -CH=NR_7, -NR_7OH, -OR_7, -COR_7, -C(O)OR_7, -OC(O)R_7, -OC(O)OR_7, -SR_7, -S(O)R_7, -$S(O)_2R_7$, -R_7OR_7, -R_7COR_7, -R_7C(O)OR_7, -R_7OC(O)R_7, -R_7OC(O)OR_7, -R_7SR_7, -R_7S(O)R_7, -$R_7S(O)_2R_7$, -C(halo)$_2$C(halo)$_3$, -C(halo)$_2$CH(halo)$_2$, -CH(C(halo)$_3$)$_2$, -CH(C(halo)$_3$)(CH_3), -OC(halo)$_2$C(halo)$_3$, -OC(halo)$_2$CH(halo)$_2$, -OCH(C(halo)$_3$)$_2$, -OCH(C(halo)$_3$)(CH_3), -C(OH)(CF_3)$_2$, -(C_1–C_{10})alkyl, or -(3- to 7-membered)heterocycle;

each R_9 is independently -H, -halo or -(C_1–C_6)alkyl;

each R_{11} is independently -CN, -OH, -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -halo, -N_3, -NO_2, -$N(R_7)_2$, -CH=NR_7, -NR_7OH, -OR_7, -COR_7, -C(O)OR_7, -OC(O)R_7, or -OC(O)OR_7;

each halo is independently -F, -Cl, -Br, or -I;

m is 0 or 1 and when m is 1, R_3 is attached to the 2-, 3-, 5-, or 6-position of the cyclo(hetero)alkenyl ring;

q is an integer ranging from 0 to 6;

r is an integer ranging from 0 to 5; and

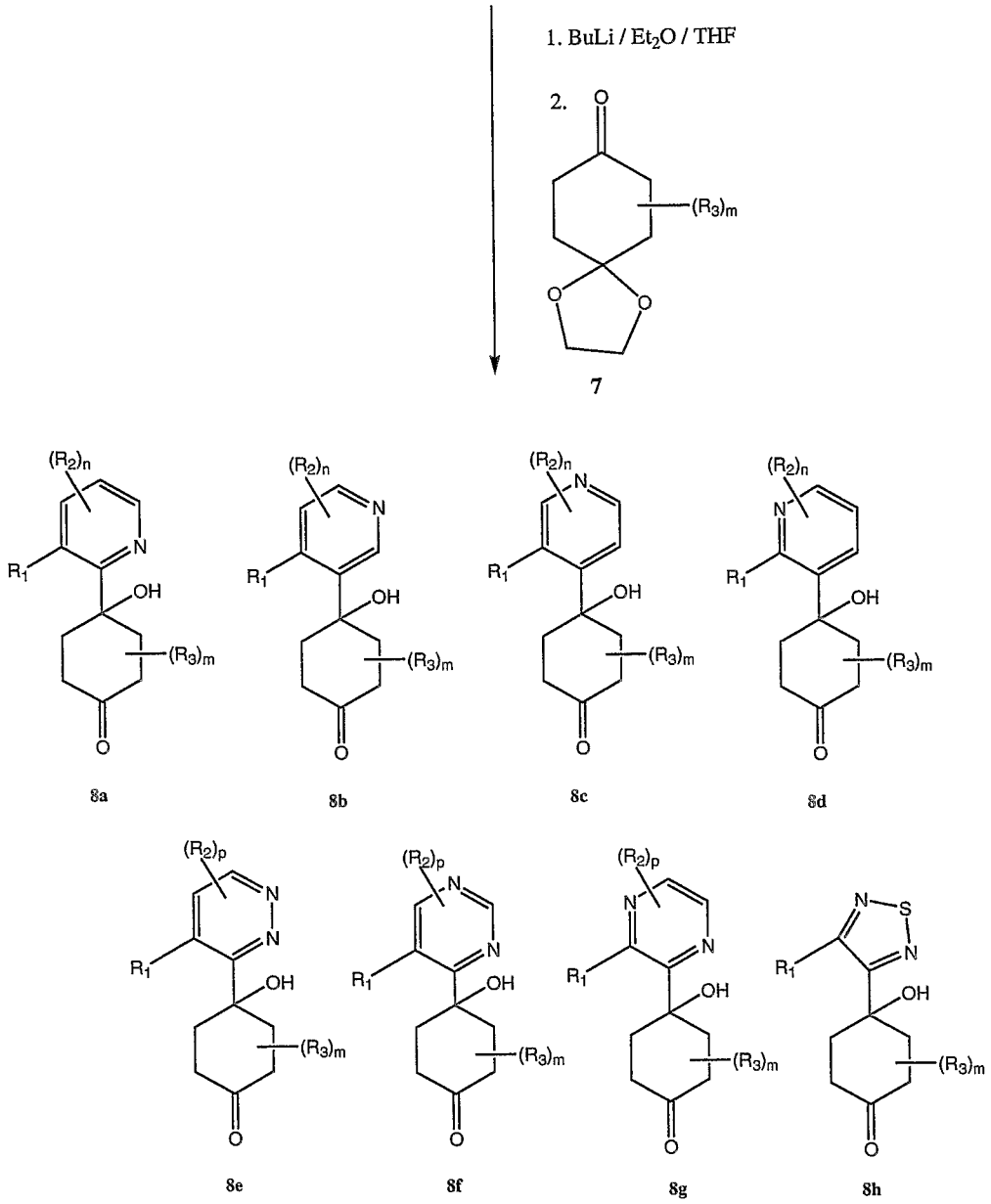
s is an integer ranging from 0 to 4.

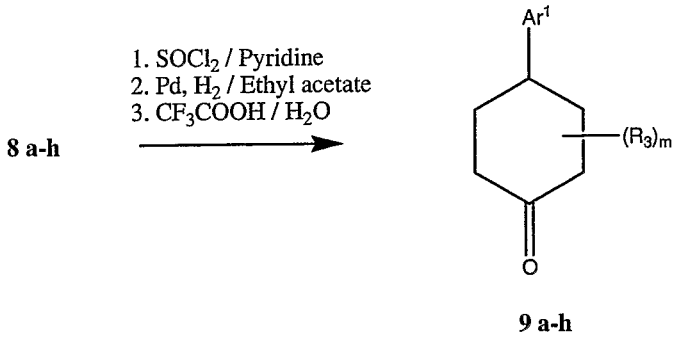
4.3.2 Methods for Making the Cyclo(hetero)alkenyl Compounds Where V is CH

In another embodiment, the present invention relates to methods for making the Cyclo(hetero)alkenyl Compounds where V is CH by the following non-limiting illustrative method shown below in Scheme **D**.

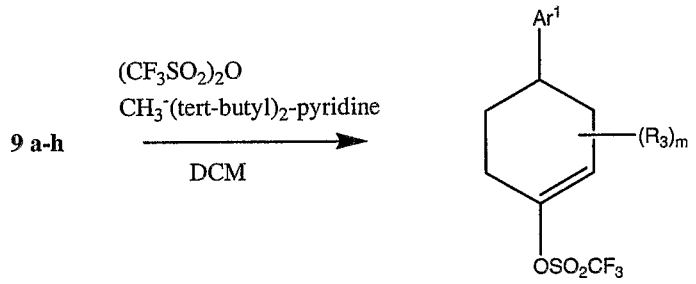
Scheme D

1 a-h

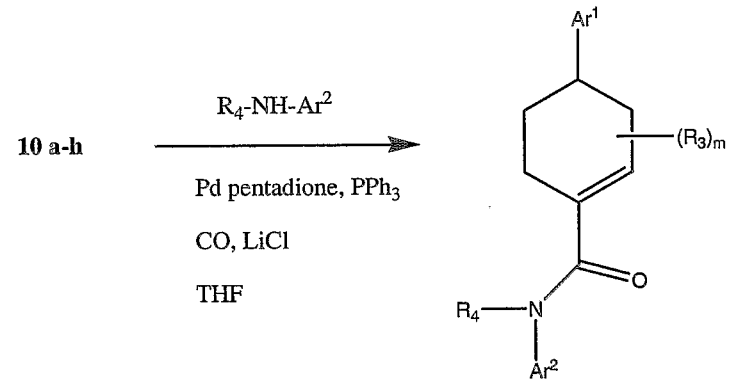




9 a-h



10 a-h



(III) Cyclo(hetero)alkenyl Compound Where V is CH

where R_1, R_2, R_3, R_4, Ar^1, Ar^2, m, n and p are defined above.

A Compound of Formula **1 a-h** is reacted with butyl lithium in diethyl ether/THF and then with a Compound of Formula **7** according to the procedure described in *J. Med. Chem.* 32(2):351-7 (1989) to provide a Compound of Formula **8 a-h**. In one embodiment, the present invention relates to a method for making a Cyclo(hetero)alkenyl Compound comprising allowing a Compound of Formula **1 a-h** to react with butyl lithium and then with a Compound of Formula **7**. A Compound of Formula **8 a-h** is useful, e.g., as an intermediate for the synthesis of a Cyclo(hetero)alkenyl Compound.

The Compound of Formula **8 a-h** is then reacted with a Lewis acid, e.g., $SOCl_2$ / pyridine, hydrogenated using a Pd catalyst in ethyl acetate, and reacted with trifluoroacetic acid in water according to the procedure described in *J. Med. Chem.* 32(2):351-7 (1989) to provide a Compound of Formula **9 a-h**. In one embodiment, the present invention relates to a method for making a Cyclo(hetero)alkenyl Compound comprising allowing a Compound of Formula **8 a-h** to react with a Lewis acid, then hydrogenating the product, and alolowing the hydrogenated product to react with trifluoroacetic acid. A Compound of Formula **9 a-h** is useful, e.g., as an intermediate for the synthesis of a Cyclo(hetero)alkenyl Compound.

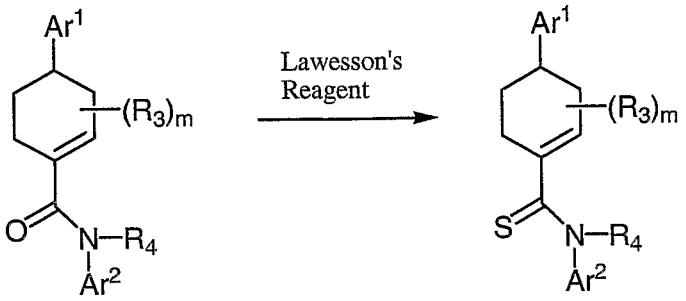
The Compound of Formula **9 a-h** is then reacted with $(CF_3SO_2)_2O$ in the presence of methyl-di-(tert-butyl)-pyridine in DCM according to the procedure described in *J. Org. Chem.* 54(12):2886-9 (1989) or *Organic Syntheses* 68:116-29 (1980) to provide a Compound of Formula **10 a-h**. In one embodiment, the present invention relates to a method for making a Cyclo(hetero)alkenyl Compound comprising allowing a Compound of Formula **9 a-h** to react with $(CF_3SO_2)_2O$. In another embodiment, this reaction is in the presence of methyl-di-(tert-butyl)-pyridine. A Compound of Formula **10 a-h** is useful, e.g., as an intermediate for the synthesis of a Cyclo(hetero)alkenyl Compound.

The Compound of Formula **10 a-h** is then reacted with an amine of formula $Ar^2\text{-}NHR_4$ in the presence of palladium pentadione, triphenylphosphine, and lithium chloride in THF under an atmosphere of carbon monoxide according to the procedure described in *Tetrahedron Letters* 33(9):1181-4 (1992) to provide the Cyclo(hetero)alkenyl Compound where V is CH. In one embodiment, the present invention relates to a method for making a Cyclo(hetero)alkenyl Compound comprising allowing a Compound of Formula **10 a-h** to react with an amine of formula $Ar^2\text{-}NHR_4$. In another embodiment, this reaction is in the presence of palladium pentadione, triphenylphosphine, and lithium chloride. In another embodiment, this reaction is under an atmosphere of carbon monoxide.

Compounds of formula **7** are commercially available or can be prepared by methods known to those skilled in the art.

Where m = 1, a mixture of Cyclo(hetero)alkenyl Compounds is generally obtained. The mixture can be separated by conventional methods, for example, column chromatography.

The Compound of Formula (I) where X is S (*i.e.*, the Compound of Formula (III ')) can be made by, *e.g.*, reacting a Compound of Formula (III) (*i.e.*, where X is O) with Lawesson's reagent as described in connection with Scheme A. This reaction is illustrated below:



(III) (III ')

Certain Cyclo(hetero)alkenyl Compounds can have asymmetric centers and therefore exist in different enantiomeric and diastereomeric forms. A Cyclo(hetero)alkenyl Compound can be in the form of an optical isomer or a diastereomer. Accordingly, the invention encompasses Cyclo(hetero)alkenyl Compounds and their uses as described herein in the form of their optical isomers, diasteriomers and mixtures thereof, including a racemic mixture. Optical isomers of the Cyclo(hetero)alkenyl Compounds can be obtained by known techniques such as chiral chromatography or formation of diastereomeric salts from an optically active acid or base.

In addition, one or more hydrogen, carbon or other atoms of a Cyclo(hetero)alkenyl Compound can be replaced by an isotope of the hydrogen, carbon or other atoms. Such compounds, which are encompassed by the present invention, are useful as research and diagnostic tools in metabolism pharmacokinetic studies and in binding assays.

4.4 THERAPEUTIC USES OF THE CYCLO(HETERO)ALKENYL COMPOUNDS

In accordance with the invention, the Cyclo(hetero)alkenyl Compounds are administered to an animal in need of treatment or prevention of a Condition.

In one embodiment, an effective amount of a Cyclo(hetero)alkenyl Compound can be used to treat or prevent any condition treatable or preventable by inhibiting VR1. Examples of conditions that are treatable or preventable by inhibiting VR1 include, but are not limited to, pain, UI, an ulcer, IBD, and IBS.

In another embodiment, an effective amount of a Cyclo(hetero)alkenyl Compound can be used to treat or prevent any condition treatable or preventable by inhibiting mGluR5. Examples of conditions that are treatable or preventable by inhibiting mGluR5 include, but are not limited to, pain, an addictive disorder, Parkinson's disease, parkinsonism, anxiety, a pruritic condition, and psychosis.

In another embodiment, an effective amount of a Cyclo(hetero)alkenyl Compound can be used to treat or prevent any condition treatable or preventable by inhibiting mGluR1. Examples of conditions that are treatable or preventable by inhibiting mGluR1 include, but are not limited to, pain, UI, an addictive disorder, Parkinson's disease, parkinsonism, anxiety, epilepsy, stroke, a seizure, a pruritic condition, psychosis, a cognitive disorder, a memory deficit, restricted brain function, Huntington's chorea, ALS, dementia, retinopathy, a muscle spasm, a migraine, vomiting, dyskinesia, and depression.

The Cyclo(hetero)alkenyl Compounds can be used to treat or prevent acute or chronic pain. Examples of pain treatable or preventable using the Cyclo(hetero)alkenyl Compounds include, but are not limited to, cancer pain, labor pain, myocardial infarction pain, pancreatic pain, colic pain, post-operative pain, headache pain, muscle pain, arthritic pain, and pain associated with a periodontal disease, including gingivitis and periodontitis.

The Cyclo(hetero)alkenyl Compounds can also be used for treating or preventing pain associated with inflammation or with an inflammatory disease in an animal. Such pain can arise where there is an inflammation of the body tissue which can be a local inflammatory response and/or a systemic inflammation. For example, the Cyclo(hetero)alkenyl Compounds can be used to treat or prevent pain associated with inflammatory diseases including, but not limited to: organ transplant rejection; reoxygenation injury resulting from organ transplantation (see Grupp *et al.*, *J. Mol. Cell Cardiol.* 31:297-303 (1999)) including, but not limited to, transplantation of the heart, lung, liver, or kidney; chronic inflammatory diseases of the joints, including arthritis, rheumatoid arthritis, osteoarthritis and bone diseases associated with increased bone

resorption; inflammatory lung diseases, such as asthma, adult respiratory distress syndrome, and chronic obstructive airway disease; inflammatory diseases of the eye, including corneal dystrophy, trachoma, onchocerciasis, uveitis, sympathetic ophthalmitis and endophthalmitis; chronic inflammatory diseases of the gum, including gingivitis and periodontitis; tuberculosis; leprosy; inflammatory diseases of the kidney, including uremic complications, glomerulonephritis and nephrosis; inflammatory diseases of the skin, including sclerodermatitis, psoriasis and eczema; inflammatory diseases of the central nervous system, including chronic demyelinating diseases of the nervous system, multiple sclerosis, AIDS-related neurodegeneration and Alzheimer s disease, infectious meningitis, encephalomyelitis, Parkinson's disease, Huntington's disease, amyotrophic lateral sclerosis and viral or autoimmune encephalitis; autoimmune diseases, including Type I and Type II diabetes mellitus; diabetic complications, including, but not limited to, diabetic cataract, glaucoma, retinopathy, nephropathy (such as microaluminuria and progressive diabetic nephropathy), polyneuropathy, mononeuropathies, autonomic neuropathy, gangrene of the feet, atherosclerotic coronary arterial disease, peripheral arterial disease, nonketotic hyperglycemic-hyperosmolar coma, foot ulcers, joint problems, and a skin or mucous membrane complication (such as an infection, a shin spot, a candidal infection or necrobiosis lipoidica diabeticorum); immune-complex vasculitis, and systemic lupus erythematosus (SLE); inflammatory diseases of the heart, such as cardiomyopathy, ischemic heart disease hypercholesterolemia, and atherosclerosis; as well as various other diseases that can have significant inflammatory components, including preeclampsia, chronic liver failure, brain and spinal cord trauma, and cancer. The Cyclo(hetero)alkenyl Compounds can also be used for treating or preventing pain associated with inflammatory disease that can, for example, be a systemic inflammation of the body, exemplified by gram-positive or gram negative shock, hemorrhagic or anaphylactic shock, or shock induced by cancer chemotherapy in response to pro-inflammatory cytokines, e.g., shock associated with pro-inflammatory cytokines. Such shock can be induced, e.g., by a chemotherapeutic agent that is administered as a treatment for cancer.

The Cyclo(hetero)alkenyl Compounds can be used to treat or prevent UI. Examples of UI treatable or preventable using the Cyclo(hetero)alkenyl Compounds

include, but are not limited to, urge incontinence, stress incontinence, overflow incontinence, neurogenic incontinence, and total incontinence.

The Cyclo(hetero)alkenyl Compounds can be used to treat or prevent an ulcer. Examples of ulcers treatable or preventable using the Cyclo(hetero)alkenyl Compounds include, but are not limited to, a duodenal ulcer, a gastric ulcer, a marginal ulcer, an esophageal ulcer, or a stress ulcer.

The Cyclo(hetero)alkenyl Compounds can be used to treat or prevent IBD, including Crohn's disease and ulcerative colitis.

The Cyclo(hetero)alkenyl Compounds can be used to treat or prevent IBS. Examples of IBS treatable or preventable using the Cyclo(hetero)alkenyl Compounds include, but are not limited to, spastic-colon-type IBS and constipation-predominant IBS.

The Cyclo(hetero)alkenyl Compounds can be used to treat or prevent an addictive disorder, including but not limited to, an eating disorder, an impulse-control disorder, an alcohol-related disorder, a nicotine-related disorder, an amphetamine-related disorder, a cannabis-related disorder, a cocaine-related disorder, an hallucinogen-related disorder, an inhalant-related disorders, and an opioid-related disorder, all of which are further sub-classified as listed below.

Eating disorders include, but are not limited to, Bulimia Nervosa, Nonpurging Type; Bulimia Nervosa, Purging Type; Anorexia; and Eating Disorder not otherwise specified (NOS).

Impulse control disorders include, but are not limited to, Intermittent Explosive Disorder, Kleptomania, Pyromania, Pathological Gambling, Trichotillomania, and Impulse Control Disorder not otherwise specified (NOS).

Alcohol-related disorders include, but are not limited to, Alcohol-Induced Psychotic Disorder with delusions, Alcohol Abuse, Alcohol Intoxication, Alcohol Withdrawal, Alcohol Intoxication Delirium, Alcohol Withdrawal Delirium, Alcohol-Induced Persisting Dementia, Alcohol-Induced Persisting Amnestic Disorder, Alcohol Dependence, Alcohol-Induced Psychotic Disorder with hallucinations, Alcohol-Induced Mood Disorder, Alcohol-Induced Anxiety Disorder, Alcohol-Induced Sexual Dysfunction, Alcohol-Induced Sleep Disorder, and Alcohol-Related Disorder not otherwise specified (NOS).

Nicotine-related disorders include, but are not limited to, Nicotine Dependence, Nicotine Withdrawal, and Nicotine-Related Disorder not otherwise specified (NOS).

Amphetamine-related disorders include, but are not limited to, Amphetamine Dependence, Amphetamine Abuse, Amphetamine Intoxication, Amphetamine Withdrawal, Amphetamine Intoxication Delirium, Amphetamine-Induced Psychotic Disorder with delusions, Amphetamine-Induced Psychotic Disorders with hallucinations, Amphetamine-Induced Mood Disorder, Amphetamine-Induced Anxiety Disorder, Amphetamine-Induced Sexual Dysfunction, Amphetamine-Induced Sleep Disorder, Amphetamine Related Disorder not otherwise specified (NOS), Amphetamine Intoxication, and Amphetamine Withdrawal.

Cannabis-related disorders include, but are not limited to, Cannabis Dependence, Cannabis Abuse, Cannabis Intoxication, Cannabis Intoxication Delirium, Cannabis-Induced Psychotic Disorder with delusions, Cannabis-Induced Psychotic Disorder with hallucinations, Cannabis-Induced Anxiety Disorder, Cannabis Related Disorder not otherwise specified (NOS), and Cannabis Intoxication.

Cocaine-related disorders include, but are not limited to, Cocaine Dependence, Cocaine Abuse, Cocaine Intoxication, Cocaine Withdrawal, Cocaine Intoxication Delirium, Cocaine-Induced Psychotic Disorder with delusions, Cocaine-Induced Psychotic Disorders with hallucinations, Cocaine-Induced Mood Disorder, Cocaine-Induced Anxiety Disorder, Cocaine-Induced Sexual Dysfunction, Cocaine-Induced Sleep Disorder, Cocaine Related Disorder not otherwise specified (NOS), Cocaine Intoxication, and Cocaine Withdrawal.

Hallucinogen-related disorders include, but are not limited to, Hallucinogen Dependence, Hallucinogen Abuse, Hallucinogen Intoxication, Hallucinogen Withdrawal, Hallucinogen Intoxication Delirium, Hallucinogen-Induced Psychotic Disorder with delusions, Hallucinogen-Induced Psychotic Disorders with hallucinations, Hallucinogen-Induced Mood Disorder, Hallucinogen-Induced Anxiety Disorder, Hallucinogen-Induced Sexual Dysfunction, Hallucinogen-Induced Sleep Disorder, Hallucinogen Related Disorder not otherwise specified (NOS), Hallucinogen Intoxication, and Hallucinogen Persisting Perception Disorder (Flashbacks).

Inhalant-related disorders include, but are not limited to, Inhalant Dependence, Inhalant Abuse, Inhalant Intoxication, Inhalant Intoxication Delirium, Inhalant-Induced Psychotic Disorder with delusions, Inhalant-Induced Psychotic Disorder with hallucinations, Inhalant-Induced Anxiety Disorder, Inhalant Related Disorder not otherwise specified (NOS), and Inhalant Intoxication.

Opioid-related disorders include, but are not limited to, Opioid Dependence, Opioid Abuse, Opioid Intoxication, Opioid Intoxication Delirium, Opioid-Induced Psychotic Disorder with delusions, Opioid-Induced Psychotic Disorder with hallucinations, Opioid-Induced Anxiety Disorder, Opioid Related Disorder not otherwise specified (NOS), Opioid Intoxication, and Opioid Withdrawal.

The Cyclo(hetero)alkenyl Compounds can be used to treat or prevent Parkinson's disease and parkinsonism and the symptoms associated with Parkinson's disease and parkinsonism, including but not limited to, bradykinesia, muscular rigidity, resting tremor, and impairment of postural balance.

The Cyclo(hetero)alkenyl Compounds can be used to treat or prevent generalized anxiety or severe anxiety and the symptoms associated with anxiety, including but not limited to, restlessness; tension; tachycardia; dyspnea; depression, including chronic "neurotic" depression; panic disorder; agoraphobia and other specific phobias; eating disorders; and personality disorders.

The Cyclo(hetero)alkenyl Compounds can be used to treat or prevent epilepsy, including but not limited to, partial epilepsy, generalized epilepsy, and the symptoms associated with epilepsy, including but not limited to, simple partial seizures, jacksonian seizures, complex partial (psychomotor) seizures, convulsive seizures (grand mal or tonic-clonic seizures), petit mal (absence) seizures, and status epilepticus.

The Cyclo(hetero)alkenyl Compounds can be used to treat or prevent strokes, including but not limited to, ischemic strokes and hemorrhagic strokes.

The Cyclo(hetero)alkenyl Compounds can be used to treat or prevent a seizure, including but not limited to, infantile spasms, febrile seizures, and epileptic seizures.

The Cyclo(hetero)alkenyl Compounds can be used to treat or prevent a pruritic condition, including but not limited to, pruritus caused by dry skin, scabies, dermatitis, herpetiformis, atopic dermatitis, *pruritus vulvae et ani*, miliaria, insect bites, pediculosis,

contact dermatitis, drug reactions, urticaria, urticarial eruptions of pregnancy, psoriasis, lichen planus, lichen simplex chronicus, exfoliative dermatitis, folliculitis, bullous pemphigoid, or fiberglass dermatitis.

The Cyclo(hetero)alkenyl Compounds can be used to treat or prevent psychosis, including but not limited to, schizophrenia, including paranoid schizophrenia, hebephrenic or disorganized schizophrenia, catatonic schizophrenia, undifferentiated schizophrenia, negative or deficit subtype schizophrenia, and non-deficit schizophrenia; a delusional disorder, including erotomanic subtype delusional disorder, grandiose subtype delusional disorder, jealous subtype delusional disorder, persecutory subtype delusional disorder, and somatic subtype delusional disorder; and brief psychosis.

The Cyclo(hetero)alkenyl Compounds can be used to treat or prevent a cognitive disorder, including but not limited to, delirium and dementia such as multi-infarct dementia, dementia pugilistica, dementia caused by AIDS, and dementia caused by Alzheimer's disease.

The Cyclo(hetero)alkenyl Compounds can be used to treat or prevent a memory deficiency, including but not limited to, dissociative amnesia and dissociative fugue.

The Cyclo(hetero)alkenyl Compounds can be used to treat or prevent restricted brain function, including but not limited to, that caused by surgery or an organ transplant, restricted blood supply to the brain, a spinal cord injury, a head injury, hypoxia, cardiac arrest, or hypoglycemia.

The Cyclo(hetero)alkenyl Compounds can be used to treat or prevent Huntington's chorea.

The Cyclo(hetero)alkenyl Compounds can be used to treat or prevent ALS.

The Cyclo(hetero)alkenyl Compounds can be used to treat or prevent retinopathy, including but not limited to, arteriosclerotic retinopathy, diabetic arteriosclerotic retinopathy, hypertensive retinopathy, non-proliferative retinopathy, and proliferative retinopathy.

The Cyclo(hetero)alkenyl Compounds can be used to treat or prevent a muscle spasm.

The Cyclo(hetero)alkenyl Compounds can be used to treat or prevent a migraine.

The Cyclo(hetero)alkenyl Compounds can be used to treat or prevent vomiting, including but not limited to, nausea vomiting, dry vomiting (retching), and regurgitation.

The Cyclo(hetero)alkenyl Compounds can be used to treat or prevent dyskinesia, including but not limited to, tardive dyskinesia and biliary dyskinesia.

The Cyclo(hetero)alkenyl Compounds can be used to treat or prevent depression, including but not limited to, major depression and bipolar disorder.

Applicants believe that the Cyclo(hetero)alkenyl Compounds are antagonists for VR1.

The invention relates to methods for inhibiting VR1 function in a cell comprising contacting a cell capable of expressing VR1 with an effective amount of a Cyclo(hetero)alkenyl Compound. This method can be used *in vitro*, for example, as an assay to select cells that express VR1 and, accordingly, are useful as part of an assay to select compounds useful for treating or preventing pain, UI, an ulcer, IBD, or IBS. The method is also useful for inhibiting VR1 function in a cell *in vivo*, in an animal, a human in one embodiment, by contacting a cell, in an animal, with an effective amount of a Cyclo(hetero)alkenyl Compound. In one embodiment, the method is useful for treating or preventing pain in an animal. In another embodiment, the method is useful for treating or preventing UI in an animal. In another embodiment, the method is useful for treating or preventing an ulcer in an animal. In another embodiment, the method is useful for treating or preventing IBD in an animal. In another embodiment, the method is useful for treating or preventing IBS in an animal.

Examples of tissue comprising cells capable of expressing VR1 include, but are not limited to, neuronal, brain, kidney, urothelium, and bladder tissue. Methods for assaying cells that express VR1 are known in the art.

Applicants believe that the Cyclo(hetero)alkenyl Compounds are antagonists for mGluR5.

The invention relates to methods for inhibiting mGluR5 function in a cell comprising contacting a cell capable of expressing mGluR5 with an amount of a Cyclo(hetero)alkenyl Compound effective to inhibit mGluR5 function in the cell. This method can be used *in vitro*, for example, as an assay to select cells that express mGluR5 and, accordingly, are useful as part of an assay to select compounds useful for treating or

preventing pain, an addictive disorder, Parkinson's disease, parkinsonism, anxiety, a pruritic condition, or psychosis. The method is also useful for inhibiting mGluR5 function in a cell *in vivo*, in an animal, a human in one embodiment, by contacting a cell, in an animal, with an amount of a Cyclo(hetero)alkenyl Compound effective to inhibit mGluR5 function in the cell. In one embodiment, the method is useful for treating or preventing pain in an animal in need thereof. In another embodiment, the method is useful for treating or preventing an addictive disorder in an animal in need thereof. In another embodiment, the method is useful for treating or preventing Parkinson's disease in an animal in need thereof. In another embodiment, the method is useful for treating or preventing parkinsonism in an animal in need thereof. In another embodiment, the method is useful for treating or preventing anxiety in an animal in need thereof. In another embodiment, the method is useful for treating or preventing a pruritic condition in an animal in need thereof. In another embodiment, the method is useful for treating or preventing psychosis in an animal in need thereof.

Examples of cells capable of expressing mGluR5 are neuronal and glial cells of the central nervous system, particularly the brain, especially in the nucleus accumbens. Methods for assaying cells that express mGluR5 are known in the art.

Applicants believe that the Cyclo(hetero)alkenyl Compounds are antagonists for mGluR1.

The invention relates to methods for inhibiting mGluR1 function in a cell comprising contacting a cell capable of expressing mGluR1 with an amount of a Cyclo(hetero)alkenyl Compound effective to inhibit mGluR1 function in the cell. This method can be used *in vitro*, for example, as an assay to select cells that express mGluR1 and, accordingly, are useful as part of an assay to select compounds useful for treating or preventing pain, UI, an addictive disorder, Parkinson's disease, parkinsonism, anxiety, epilepsy, stroke, a seizure, a pruritic condition, psychosis, a cognitive disorder, a memory deficit, restricted brain function, Huntington's chorea, ALS, dementia, retinopathy, a muscle spasm, a migraine, vomiting, dyskinesia, or depression. The method is also useful for inhibiting mGluR1 function in a cell *in vivo*, in an animal, a human in one embodiment, by contacting a cell, in an animal, with an amount of a Cyclo(hetero)alkenyl Compound effective to inhibit mGluR1 function in the cell. In one embodiment, the method is useful for treating or preventing pain in an animal in need thereof. In another

embodiment, the method is useful for treating or preventing UI in an animal in need thereof. In another embodiment, the method is useful for treating or preventing an addictive disorder in an animal in need thereof. In another embodiment, the method is useful for treating or preventing Parkinson's disease in an animal in need thereof. In another embodiment, the method is useful for treating or preventing parkinsonism in an animal in need thereof. In another embodiment, the method is useful for treating or preventing anxiety in an animal in need thereof. In another embodiment, the method is useful for treating or preventing epilepsy in an animal in need thereof. In another embodiment, the method is useful for treating or preventing stroke in an animal in need thereof. In another embodiment, the method is useful for treating or preventing a seizure in an animal in need thereof. In another embodiment, the method is useful for treating or preventing a pruritic condition in an animal in need thereof. In another embodiment, the method is useful for treating or preventing psychosis in an animal in need thereof. In another embodiment, the method is useful for treating or preventing a cognitive disorder in an animal in need thereof. In another embodiment, the method is useful for treating or preventing a memory deficit in an animal in need thereof. In another embodiment, the method is useful for treating or preventing restricted brain function in an animal in need thereof. In another embodiment, the method is useful for treating or preventing Huntington's chorea in an animal in need thereof. In another embodiment, the method is useful for treating or preventing ALS in an animal in need thereof. In another embodiment, the method is useful for treating or preventing dementia in an animal in need thereof. In another embodiment, the method is useful for treating or preventing retinopathy in an animal in need thereof. In another embodiment, the method is useful for treating or preventing a muscle spasm in an animal in need thereof. In another embodiment, the method is useful for treating or preventing a migraine in an animal in need thereof. In another embodiment, the method is useful for treating or preventing vomiting in an animal in need thereof. In another embodiment, the method is useful for treating or preventing dyskinesia in an animal in need thereof. In another embodiment, the method is useful for treating or preventing depression in an animal in need thereof.

Examples of cells capable of expressing mGluR1 include, but are not limited to, cerebellar Purkinje neuron cells, Purkinje cell bodies (punctate), cells of spine(s) of the cerebellum; neurons and neurophil cells of olfactory-bulb glomeruli; cells of the

superficial layer of the cerebral cortex; hippocampus cells; thalamus cells; superior colliculus cells; and spinal trigeminal nucleus cells. Methods for assaying cells that express mGluR1 are known in the art.

4.5 THERAPEUTIC/PROPHYLACTIC ADMINISTRATION AND COMPOSITIONS OF THE INVENTION

Due to their activity, the Cyclo(hetero)alkenyl Compounds are advantageously useful in veterinary and human medicine. As described above, the Cyclo(hetero)alkenyl Compounds are useful for treating or preventing a condition in an animal in need thereof.

When administered to an animal, the Cyclo(hetero)alkenyl Compounds are administered as a component of a composition that comprises a pharmaceutically acceptable carrier or excipient. The present compositions, which comprise a Cyclo(hetero)alkenyl Compound, can be administered orally. The Cyclo(hetero)alkenyl Compounds of the invention can also be administered by any other convenient route, for example, by infusion or bolus injection, by absorption through epithelial or mucocutaneous linings (*e.g.*, oral, rectal, and intestinal mucosa, *etc.*) and can be administered together with another therapeutically active agent. Administration can be systemic or local. Various delivery systems are known, *e.g.*, encapsulation in liposomes, microparticles, microcapsules, capsules, *etc.*, and can be used to administer the Cyclo(hetero)alkenyl Compound.

Methods of administration include, but are not limited to, intradermal, intramuscular, intraperitoneal, intravenous, subcutaneous, intranasal, epidural, oral, sublingual, intracerebral, intravaginal, transdermal, rectal, by inhalation, or topical, particularly to the ears, nose, eyes, or skin. The mode of administration is left to the discretion of the practitioner. In most instances, administration will result in the release of the Cyclo(hetero)alkenyl Compounds into the bloodstream.

In specific embodiments, it can be desirable to administer the Cyclo(hetero)alkenyl Compounds locally. This can be achieved, for example, and not by way of limitation, by local infusion during surgery, topical application, *e.g.*, in conjunction with a wound dressing after surgery, by injection, by means of a catheter, by means of a suppository or enema, or by means of an implant, said implant being of a porous, non-porous, or gelatinous material, including membranes, such as sialastic membranes, or fibers.

In certain embodiments, it can be desirable to introduce the Cyclo(hetero)alkenyl Compounds into the central nervous system or gastrointestinal tract by any suitable route, including intraventricular, intrathecal, and epidural injection, and enema. Intraventricular injection can be facilitated by an intraventricular catheter, for example, attached to a reservoir, such as an Ommaya reservoir.

Pulmonary administration can also be employed, *e.g.*, by use of an inhaler or nebulizer, and formulation with an aerosolizing agent, or via perfusion in a fluorocarbon or synthetic pulmonary surfactant. In certain embodiments, the Cyclo(hetero)alkenyl Compounds can be formulated as a suppository, with traditional binders and excipients such as triglycerides.

In another embodiment, the Cyclo(hetero)alkenyl Compounds can be delivered in a vesicle, in particular a liposome (*see* Langer, *Sci.* 249:1527-1533 (1990) and Treat *et al.*, *Liposomes in the Therapy of Infectious Disease and Cancer* 317-327 and 353-365 (1989)).

In yet another embodiment, the Cyclo(hetero)alkenyl Compounds can be delivered in a controlled-release system or sustained-release system (*see*, *e.g.*, Goodson, in Medical Applications of Controlled Release, *supra*, vol. 2, pp. 115-138 (1984)). Other controlled- or sustained-release systems discussed in the review by Langer, *Sci.* 249:1527-1533 (1990) can be used. In one embodiment, a pump can be used (Langer, *Sci.* 249:1527-1533 (1990); Sefton, *CRC Crit. Ref. Biomed. Eng.* 14:201 (1987); Buchwald *et al.*, *Surgery* 88:507 (1980); and Saudek *et al.*, *N. Engl. J. Med.* 321:574 (1989)). In another embodiment, polymeric materials can be used (*see Medical Applications of Controlled Release* (Langer and Wise eds., 1974); *Controlled Drug Bioavailability, Drug Product Design and Performance* (Smolen and Ball eds., 1984); Ranger and Peppas, *J. Macromol. Sci. Rev. Macromol. Chem.* 23:61 (1983); Levy *et al.*, *Sci.* 228:190 (1985); During *et al.*, *Ann. Neurol.* 25:351 (1989); and Howard *et al.*, *J. Neurosurg.* 71:105 (1989)). In yet another embodiment, a controlled- or sustained-release system can be placed in proximity of a target of the Cyclo(hetero)alkenyl Compounds, *e.g.*, the spinal column, brain, or gastrointestinal tract, thus requiring only a fraction of the systemic dose.

The present compositions can optionally comprise a suitable amount of a pharmaceutically acceptable excipient so as to provide the form for proper administration to the animal.

Such pharmaceutical excipients can be liquids, such as water and oils, including those of petroleum, animal, vegetable, or synthetic origin, such as peanut oil, soybean oil, mineral oil, sesame oil and the like. The pharmaceutical excipients can be saline, gum acacia, gelatin, starch paste, talc, keratin, colloidal silica, urea and the like. In addition, auxiliary, stabilizing, thickening, lubricating, and coloring agents can be used. In one embodiment, the pharmaceutically acceptable excipients are sterile when administered to an animal. Water is a particularly useful excipient when the Cyclo(hetero)alkenyl Compound is administered intravenously. Saline solutions and aqueous dextrose and glycerol solutions can also be employed as liquid excipients, particularly for injectable solutions. Suitable pharmaceutical excipients also include starch, glucose, lactose, sucrose, gelatin, malt, rice, flour, chalk, silica gel, sodium stearate, glycerol monostearate, talc, sodium chloride, dried skim milk, glycerol, propylene, glycol, water, ethanol and the like. The present compositions, if desired, can also contain minor amounts of wetting or emulsifying agents, or pH buffering agents.

The present compositions can take the form of solutions, suspensions, emulsions, tablets, pills, pellets, capsules, capsules containing liquids, powders, sustained-release formulations, suppositories, aerosols, sprays, suspensions, or any other form suitable for use. In one embodiment, the composition is in the form of a capsule (see *e.g.*, U.S. Patent No. 5,698,155). Other examples of suitable pharmaceutical excipients are described in *Remington's Pharmaceutical Sci.* 1447-1676 (Alfonso R. Gennaro ed., 19th ed. 1995), incorporated herein by reference.

In one embodiment, the Cyclo(hetero)alkenyl Compounds are formulated in accordance with routine procedures as a composition adapted for oral administration to human beings. Compositions for oral delivery can be in the form of tablets, lozenges, aqueous or oily suspensions, granules, powders, emulsions, capsules, syrups, or elixirs, for example. Orally administered compositions can contain one or more agents, for example, sweetening agents such as fructose, aspartame or saccharin; flavoring agents such as peppermint, oil of wintergreen, or cherry; coloring agents; and preserving agents, to provide a pharmaceutically palatable preparation. Moreover, where in tablet or pill

form, the compositions can be coated to delay disintegration and absorption in the gastrointestinal tract thereby providing a sustained action over an extended period of time. Selectively permeable membranes surrounding an osmotically active driving compound are also suitable for orally administered compositions. In these latter platforms, fluid from the environment surrounding the capsule is imbibed by the driving compound, which swells to displace the agent or agent composition through an aperture. These delivery platforms can provide an essentially zero order delivery profile as opposed to the spiked profiles of immediate release formulations. A time-delay material such as glycerol monostearate or glycerol stearate can also be used. Oral compositions can include standard excipients such as mannitol, lactose, starch, magnesium stearate, sodium saccharin, cellulose, and magnesium carbonate. In one embodiment, the excipients are of pharmaceutical grade.

In another embodiment, the Cyclo(hetero)alkenyl Compounds can be formulated for intravenous administration. Typically, compositions for intravenous administration comprise sterile isotonic aqueous buffer. Where necessary, the compositions can also include a solubilizing agent. Compositions for intravenous administration can optionally include a local anesthetic such as lidocaine to lessen pain at the site of the injection. Generally, the ingredients are supplied either separately or mixed together in unit dosage form, for example, as a dry lyophilized powder or water free concentrate in a hermetically sealed container such as an ampule or sachette indicating the quantity of active agent. Where the Cyclo(hetero)alkenyl Compounds are to be administered by infusion, they can be dispensed, for example, with an infusion bottle containing sterile pharmaceutical grade water or saline. Where the Cyclo(hetero)alkenyl Compounds are administered by injection, an ampule of sterile water for injection or saline can be provided so that the ingredients can be mixed prior to administration.

The Cyclo(hetero)alkenyl Compounds can be administered by controlled-release or sustained-release means or by delivery devices that are known to those of ordinary skill in the art. Examples include, but are not limited to, those described in U.S. Patent Nos.: 3,845,770; 3,916,899; 3,536,809; 3,598,123; 4,008,719; 5,674,533; 5,059,595; 5,591,767; 5,120,548; 5,073,543; 5,639,476; 5,354,556; and 5,733,566, each of which is incorporated herein by reference. Such dosage forms can be used to provide controlled- or sustained-release of one or more active ingredients using, for example,

hydropropylmethyl cellulose, other polymer matrices, gels, permeable membranes, osmotic systems, multilayer coatings, microparticles, liposomes, microspheres, or a combination thereof to provide the desired release profile in varying proportions. Suitable controlled- or sustained-release formulations known to those of ordinary skill in the art, including those described herein, can be readily selected for use with the active ingredients of the invention. The invention thus encompasses single unit dosage forms suitable for oral administration such as, but not limited to, tablets, capsules, gelcaps, and caplets that are adapted for controlled- or sustained-release.

Controlled- or sustained-release pharmaceutical compositions can have a common goal of improving drug therapy over that achieved by their non-controlled or non-sustained counterparts. In one embodiment, a controlled- or sustained-release composition comprises a minimal amount of a Cyclo(hetero)alkenyl Compound to cure or control the condition in a minimum amount of time. Advantages of controlled- or sustained-release compositions include extended activity of the drug, reduced dosage frequency, and increased patient compliance. In addition, controlled- or sustained-release compositions can favorably affect the time of onset of action or other characteristics, such as blood levels of the Cyclo(hetero)alkenyl Compound, and can thus reduce the occurrence of adverse side effects.

Controlled- or sustained-release compositions can initially release an amount of a Cyclo(hetero)alkenyl Compound that promptly produces the desired therapeutic or prophylactic effect, and gradually and continually release other amounts of the Cyclo(hetero)alkenyl Compound to maintain this level of therapeutic or prophylactic effect over an extended period of time. To maintain a constant level of the Cyclo(hetero)alkenyl Compound in the body, the Cyclo(hetero)alkenyl Compound can be released from the dosage form at a rate that will replace the amount of Cyclo(hetero)alkenyl Compound being metabolized and excreted from the body. Controlled- or sustained-release of an active ingredient can be stimulated by various conditions, including but not limited to, changes in pH, changes in temperature, concentration or availability of enzymes, concentration or availability of water, or other physiological conditions or compounds.

In another embodiment, a composition is prepared by admixing a Cyclo(hetero)alkenyl Compound or a pharmaceutically acceptable salt thereof and a

pharmaceutically acceptable carrier or excipient. Admixing can be accomplished using methods known for admixing a compound (or a salt) and a pharmaceutically acceptable carrier or excipient. In another embodiment, the Cyclo(hetero)alkenyl Compound or a pharmaceutically acceptable salt thereof is present in an effective amount.

The amount of the Cyclo(hetero)alkenyl Compound that is effective in the treatment or prevention of a condition can be determined by standard clinical techniques. In addition, *in vitro* or *in vivo* assays can optionally be employed to help identify optimal dosage ranges. The precise dose to be employed will also depend on the route of administration, and the seriousness of the Condition and can be decided according to the judgment of a practitioner and and/or each animal's circumstances. Suitable effective dosage amounts, however, range from about 0.01 mg/kg of body weight to about 2500 mg/kg of body weight, although they are typically about 100 mg/kg of body weight or less. In one embodiment, the effective dosage amount ranges from about 0.01 mg/kg of body weight to about 100 mg/kg of body weight of a Cyclo(hetero)alkenyl Compound, in another embodiment, about 0.02 mg/kg of body weight to about 50 mg/kg of body weight, and in another embodiment, about 0.025 mg/kg of body weight to about 20 mg/kg of body weight. In one embodiment, an effective dosage amount is administered about every 24 h until the Condition is abated. In another embodiment, an effective dosage amount is administered about every 12 h until the Condition is abated. In another embodiment, an effective dosage amount is administered about every 8 h until the Condition is abated. In another embodiment, an effective dosage amount is administered about every 6 h until the Condition is abated. In another embodiment, an effective dosage amount is administered about every 4 h until the Condition is abated. The effective dosage amounts described herein refer to total amounts administered; that is, if more than one Cyclo(hetero)alkenyl Compound is administered, the effective dosage amounts correspond to the total amount administered.

Where a cell capable of expressing VR1, mGluR5 or mGluR1 is contacted with a Cyclo(hetero)alkenyl Compound *in vitro*, the amount effective for inhibiting the VR1, mGluR5 or mGluR1 receptor function in a cell will typically range from about 0.01 μg/L to about 5 mg/L, in one embodiment, from about 0.01 μg/L to about 2.5 mg/L, in another embodiment, from about 0.01 μg/L to about 0.5 mg/L, and in another embodiment, from about 0.01 μg/L to about 0.25 mg/L of a solution or suspension of a pharmaceutically

acceptable carrier or excipient. In one embodiment, the volume of solution or suspension comprising the Cyclo(hetero)alkenyl Compound is from about 0.01 μL to about 1 mL. In another embodiment, the volume of solution or suspension is about 200 μL.

Where a cell capable of expressing VR1, mGluR5, or mGluR1 is contacted with a Cyclo(hetero)alkenyl Compound *in vivo*, the amount effective for inhibiting the receptor function in a cell will typically range from about 0.01 mg/kg of body weight to about 100 mg/kg of body weight, although it typically ranges from about 100 mg/kg of body weight or less. In one embodiment, the effective dosage amount ranges from about 0.01 mg/kg of body weight to about 100 mg/kg of body weight of a Cyclo(hetero)alkenyl Compound, in another embodiment, about 0.020 mg/kg of body weight to about 50 mg/kg of body weight, and in another embodiment, about 0.025 mg/kg of body weight to about 20 mg/kg of body weight. In one embodiment, an effective dosage amount is administered about every 24 h. In another embodiment, an effective dosage amount is administered about every 12 h. In another embodiment, an effective dosage amount is administered about every 8 h. In another embodiment, an effective dosage amount is administered about every 6 h. In another embodiment, an effective dosage amount is administered about every 4 h.

The Cyclo(hetero)alkenyl Compounds can be assayed *in vitro* or *in vivo* for the desired therapeutic or prophylactic activity prior to use in humans. Animal model systems can be used to demonstrate safety and efficacy.

The present methods for treating or preventing a Condition in an animal in need thereof can further comprise administering another therapeutic agent to the animal being administered a Cyclo(hetero)alkenyl Compound. In one embodiment, the other therapeutic agent is administered in an effective amount.

The present methods for inhibiting VR1 function in a cell capable of expressing VR1 can further comprise contacting the cell with an effective amount of another therapeutic agent.

The present methods for inhibiting mGluR5 function in a cell capable of expressing mGluR5 can further comprise contacting the cell with an effective amount of another therapeutic agent.

The present methods for inhibiting mGluR1 function in a cell capable of expressing mGluR1 can further comprise contacting the cell with an effective amount of another therapeutic agent.

Effective amounts of the other therapeutic agents are known to those skilled in the art. However, it is well within the skilled artisan's purview to determine the other therapeutic agent's optimal effective-amount range. In one embodiment of the invention, where another therapeutic agent is administered to an animal, the effective amount of the Cyclo(hetero)alkenyl Compound is less than its effective amount would be where the other therapeutic agent is not administered. In this case, without being bound by theory, it is believed that the Cyclo(hetero)alkenyl Compounds and the other therapeutic agent act synergistically to treat or prevent a Condition.

The other therapeutic agent can be, but is not limited to, an opioid agonist, a non-opioid analgesic, a non-steroidal anti-inflammatory agent, an antimigraine agent, a Cox-II inhibitor, an antiemetic, a β-adrenergic blocker, an anticonvulsant, an antidepressant, a Ca2+-channel blocker, an anticancer agent, an agent for treating or preventing UI, an agent for treating or preventing an ulcer, an agent for treating or preventing IBD, an agent for treating or preventing IBS, an agent for treating addictive disorder, an agent for treating Parkinson's disease and parkinsonism, an agent for treating anxiety, an agent for treating epilepsy, an agent for treating a stroke, an agent for treating a seizure, an agent for treating a pruritic condition, an agent for treating psychosis, an agent for treating Huntington's chorea, an agent for treating ALS, an agent for treating a cognitive disorder, an agent for treating a migraine, an agent for treating vomiting, an agent for treating dyskinesia, or an agent for treating depression, and mixtures thereof.

Examples of useful opioid agonists include, but are not limited to, alfentanil, allylprodine, alphaprodine, anileridine, benzylmorphine, bezitramide, buprenorphine, butorphanol, clonitazene, codeine, desomorphine, dextromoramide, dezocine, diampromide, diamorphone, dihydrocodeine, dihydromorphine, dimenoxadol, dimepheptanol, dimethylthiambutene, dioxaphetyl butyrate, dipipanone, eptazocine, ethoheptazine, ethylmethylthiambutene, ethylmorphine, etonitazene fentanyl, heroin, hydrocodone, hydromorphone, hydroxypethidine, isomethadone, ketobemidone, levorphanol, levophenacylmorphan, lofentanil, meperidine, meptazinol, metazocine, methadone, metopon, morphine, myrophine, nalbuphine, narceine, nicomorphine,

norlevorphanol, normethadone, nalorphine, normorphine, norpipanone, opium, oxycodone, oxymorphone, papaveretum, pentazocine, phenadoxone, phenomorphan, phenazocine, phenoperidine, piminodine, piritramide, proheptazine, promedol, properidine, propiram, propoxyphene, sufentanil, tilidine, tramadol, pharmaceutically acceptable salts thereof, and mixtures thereof.

In certain embodiments, the opioid agonist is selected from codeine, hydromorphone, hydrocodone, oxycodone, dihydrocodeine, dihydromorphine, morphine, tramadol, oxymorphone, pharmaceutically acceptable salts thereof, and mixtures thereof.

Examples of useful non-opioid analgesics include non-steroidal anti-inflammatory agents, such as aspirin, ibuprofen, diclofenac, naproxen, benoxaprofen, flurbiprofen, fenoprofen, flubufen, ketoprofen, indoprofen, piroprofen, carprofen, oxaprozin, pramoprofen, muroprofen, trioxaprofen, suprofen, aminoprofen, tiaprofenic acid, fluprofen, bucloxic acid, indomethacin, sulindac, tolmetin, zomepirac, tiopinac, zidometacin, acemetacin, fentiazac, clidanac, oxpinac, mefenamic acid, meclofenamic acid, flufenamic acid, niflumic acid, tolfenamic acid, diflurisal, flufenisal, piroxicam, sudoxicam, isoxicam, and pharmaceutically acceptable salts thereof, and mixtures thereof. Other suitable non-opioid analgesics include the following, non-limiting, chemical classes of analgesic, antipyretic, nonsteroidal anti-inflammatory drugs: salicylic acid derivatives, including aspirin, sodium salicylate, choline magnesium trisalicylate, salsalate, diflunisal, salicylsalicylic acid, sulfasalazine, and olsalazin; para-aminophenol derivatives including acetaminophen and phenacetin; indole and indene acetic acids, including indomethacin, sulindac, and etodolac; heteroaryl acetic acids, including tolmetin, diclofenac, and ketorolac; anthranilic acids (fenamates), including mefenamic acid and meclofenamic acid; enolic acids, including oxicams (piroxicam, tenoxicam), and pyrazolidinediones (phenylbutazone, oxyphenthartazone); and alkanones, including nabumetone. For a more detailed description of the NSAIDs, *see Paul A. Insel, Analgesic-Antipyretic and Anti-inflammatory Agents and Drugs Employed in the Treatment of Gout, in Goodman & Gilman's The Pharmacological Basis of Therapeutics* 617-57 (Perry B. Molinhoff and Raymond W. Ruddon eds., 9th ed 1996) and Glen R. Hanson, *Analgesic, Antipyretic and Anti-Inflammatory Drugs in Remington: The Science and Practice of Pharmacy Vol II* 1196-1221 (A.R. Gennaro ed. 19th ed. 1995) which are hereby incorporated by reference in their entireties.

Examples of useful Cox-II inhibitors and 5-lipoxygenase inhibitors, as well as combinations thereof, are described in U.S. Patent No. 6,136,839, which is hereby incorporated by reference in its entirety. Examples of useful Cox-II inhibitors include, but are not limited to, rofecoxib and celecoxib.

Examples of useful antimigraine agents include, but are not limited to, alpiropride, bromocriptine, dihydroergotamine, dolasetron, ergocornine, ergocorninine, ergocryptine, ergonovine, ergot, ergotamine, flumedroxone acetate, fonazine, ketanserin, lisuride, lomerizine, methylergonovine, methysergide, metoprolol, naratriptan, oxetorone, pizotyline, propranolol, risperidone, rizatriptan, sumatriptan, timolol, trazodone, zolmitriptan, and mixtures thereof.

The other therapeutic agent can alternatively be an agent useful for reducing any potential side effects of a Cyclo(hetero)alkenyl Compounds. For example, the other therapeutic agent can be an antiemetic agent. Examples of useful antiemetic agents include, but are not limited to, metoclopromide, domperidone, prochlorperazine, promethazine, chlorpromazine, trimethobenzamide, odansteron, granisetron, hydroxyzine, acetylleucine monoethanolamine, alizapride, azasetron, benzquinamide, bietanautine, bromopride, buclizine, clebopride, cyclizine, dimenhydrinate, diphenidol, dolasetron, meclizine, methallatal, metopimazine, nabilone, oxyperndyl, pipamazine, scopolamine, sulpiride, tetrahydrocannabinol, thiethylperazine, thioproperazine, tropisetron, and mixtures thereof.

Examples of useful β-adrenergic blockers include, but are not limited to, acebutolol, alprenolol, amosulabol, arotinolol, atenolol, befunolol, betaxolol, bevantolol, bisoprolol, bopindolol, bucumolol, bufetolol, bufuralol, bunitrolol, bupranolol, butidrine hydrochloride, butofilolol, carazolol, carteolol, carvedilol, celiprolol, cetamolol, cloranolol, dilevalol, epanolol, esmolol, indenolol, labetalol, levobunolol, mepindolol, metipranolol, metoprolol, moprolol, nadolol, nadoxolol, nebivalol, nifenalol, nipradilol, oxprenolol, penbutolol, pindolol, practolol, pronethalol, propranolol, sotalol, sulfinalol, talinolol, tertatolol, tilisolol, timolol, toliprolol, and xibenolol.

Examples of useful anticonvulsants include, but are not limited to, acetylpheneturide, albutoin, aloxidone, aminoglutethimide, 4-amino-3-hydroxybutyric acid, atrolactamide, beclamide, buramate, calcium bromide, carbamazepine, cinromide, clomethiazole, clonazepam, decimemide, diethadione, dimethadione, doxenitroin,

eterobarb, ethadione, ethosuximide, ethotoin, felbamate, fluoresone, gabapentin, 5-hydroxytryptophan, lamotrigine, magnesium bromide, magnesium sulfate, mephenytoin, mephobarbital, metharbital, methetoin, methsuximide, 5-methyl-5-(3-phenanthryl)-hydantoin, 3-methyl-5-phenylhydantoin, narcobarbital, nimetazepam, nitrazepam, oxcarbazepine, paramethadione, phenacemide, phenetharbital, pheneturide, phenobarbital, phensuximide, phenylmethylbarbituric acid, phenytoin, phethenylate sodium, potassium bromide, pregabaline, primidone, progabide, sodium bromide, solanum, strontium bromide, suclofenide, sulthiame, tetrantoin, tiagabine, topiramate, trimethadione, valproic acid, valpromide, vigabatrin, and zonisamide.

Examples of useful antidepressants include, but are not limited to, binedaline, caroxazone, citalopram, (S)-citalopram, dimethazan, fencamine, indalpine, indeloxazine hydrocholoride, nefopam, nomifensine, oxitriptan, oxypertine, paroxetine, sertraline, thiazesim, trazodone, benmoxine, iproclozide, iproniazid, isocarboxazid, nialamide, octamoxin, phenelzine, cotinine, rolicyprine, rolipram, maprotiline, metralindole, mianserin, mirtazepine, adinazolam, amitriptyline, amitriptylinoxide, amoxapine, butriptyline, clomipramine, demexiptiline, desipramine, dibenzepin, dimetacrine, dothiepin, doxepin, fluacizine, imipramine, imipramine N-oxide, iprindole, lofepramine, melitracen, metapramine, nortriptyline, noxiptilin, opipramol, pizotyline, propizepine, protriptyline, quinupramine, tianeptine, trimipramine, adrafinil, benactyzine, bupropion, butacetin, dioxadrol, duloxetine, etoperidone, febarbamate, femoxetine, fenpentadiol, fluoxetine, fluvoxamine, hematoporphyrin, hypericin, levophacetoperane, medifoxamine, milnacipran, minaprine, moclobemide, nefazodone, oxaflozane, piberaline, prolintane, pyrisuccideanol, ritanserin, roxindole, rubidium chloride, sulpiride, tandospirone, thozalinone, tofenacin, toloxatone, tranylcypromine, L-tryptophan, venlafaxine, viloxazine, and zimelidine.

Examples of useful Ca2+-channel blockers include, but are not limited to, bepridil, clentiazem, diltiazem, fendiline, gallopamil, mibefradil, prenylamine, semotiadil, terodiline, verapamil, amlodipine, aranidipine, barnidipine, benidipine, cilnidipine, efonidipine, elgodipine, felodipine, isradipine, lacidipine, lercanidipine, manidipine, nicardipine, nifedipine, nilvadipine, nimodipine, nisoldipine, nitrendipine, cinnarizine, flunarizine, lidoflazine, lomerizine, bencyclane, etafenone, fantofarone, and perhexiline.

Examples of useful anticancer agents include, but are not limited to, acivicin, aclarubicin, acodazole hydrochloride, acronine, adozelesin, aldesleukin, altretamine, ambomycin, ametantrone acetate, aminoglutethimide, amsacrine, anastrozole, anthramycin, asparaginase, asperlin, azacitidine, azetepa, azotomycin, batimastat, benzodepa, bicalutamide, bisantrene hydrochloride, bisnafide dimesylate, bizelesin, bleomycin sulfate, brequinar sodium, bropirimine, busulfan, cactinomycin, calusterone, caracemide, carbetimer, carboplatin, carmustine, carubicin hydrochloride, carzelesin, cedefingol, chlorambucil, cirolemycin, cisplatin, cladribine, crisnatol mesylate, cyclophosphamide, cytarabine, dacarbazine, dactinomycin, daunorubicin hydrochloride, decitabine, dexormaplatin, dezaguanine, dezaguanine mesylate, diaziquone, docetaxel, doxorubicin, doxorubicin hydrochloride, droloxifene, droloxifene citrate, dromostanolone propionate, duazomycin, edatrexate, eflornithine hydrochloride, elsamitrucin, enloplatin, enpromate, epipropidine, epirubicin hydrochloride, erbulozole, esorubicin hydrochloride, estramustine, estramustine phosphate sodium, etanidazole, etoposide, etoposide phosphate, etoprine, fadrozole hydrochloride, fazarabine, fenretinide, floxuridine, fludarabine phosphate, fluorouracil, flurocitabine, fosquidone, fostriecin sodium, gemcitabine, gemcitabine hydrochloride, hydroxyurea, idarubicin hydrochloride, ifosfamide, ilmofosine, interleukin II (including recombinant interleukin II or rIL2), interferon alpha-2a, interferon alpha-2b, interferon alpha-n1, interferon alpha-n3, interferon beta-I a, interferon gamma-I b, iproplatin, irinotecan hydrochloride, lanreotide acetate, letrozole, leuprolide acetate, liarozole hydrochloride, lometrexol sodium, lomustine, losoxantrone hydrochloride, masoprocol, maytansine, mechlorethamine hydrochloride, megestrol acetate, melengestrol acetate, melphalan, menogaril, mercaptopurine, methotrexate, methotrexate sodium, metoprine, meturedepa, mitindomide, mitocarcin, mitocromin, mitogillin, mitomalcin, mitomycin, mitosper, mitotane, mitoxantrone hydrochloride, mycophenolic acid, nocodazole, nogalamycin, ormaplatin, oxisuran, paclitaxel, pegaspargase, peliomycin, pentamustine, peplomycin sulfate, perfosfamide, pipobroman, piposulfan, piroxantrone hydrochloride, plicamycin, plomestane, porfimer sodium, porfiromycin, prednimustine, procarbazine hydrochloride, puromycin, puromycin hydrochloride, pyrazofurin, riboprine, rogletimide, safingol, safingol hydrochloride, semustine, simtrazene, sparfosate sodium, sparsomycin, spirogermanium hydrochloride, spiromustine, spiroplatin, streptonigrin, streptozotocin, sulofenur, talisomycin, tecogalan sodium, tegafur, teloxantrone hydrochloride,

temoporfin, teniposide, teroxirone, testolactone, thiamiprine, thioguanine, thiotepa, tiazofurin, tirapazamine, toremifene citrate, trestolone acetate, triciribine phosphate, trimetrexate, trimetrexate glucuronate, triptorelin, tubulozole hydrochloride, uracil mustard, uredepa, vapreotide, verteporfin, vinblastine sulfate, vincristine sulfate, vindesine, vindesine sulfate, vinepidine sulfate, vinglycinate sulfate, vinleurosine sulfate, vinorelbine tartrate, vinrosidine sulfate, vinzolidine sulfate, vorozole, zeniplatin, zinostatin, zorubicin hydrochloride.

Examples of other anti-cancer drugs include, but are not limited to, 20-epi-1,25 dihydroxyvitamin D3; 5-ethynyluracil; abiraterone; aclarubicin; acylfulvene; adecypenol; adozelesin; aldesleukin; ALL-TK antagonists; altretamine; ambamustine; amidox; amifostine; aminolevulinic acid; amrubicin; amsacrine; anagrelide; anastrozole; andrographolide; angiogenesis inhibitors; antagonist D; antagonist G; antarelix; anti-dorsalizing morphogenetic protein-1; antiandrogen, antiestrogen; antineoplaston; antisense oligonucleotides; aphidicolin glycinate; apoptosis gene modulators; apoptosis regulators; apurinic acid; ara-CDP-DL-PTBA; arginine deaminase; asulacrine; atamestane; atrimustine; axinastatin 1; axinastatin 2; axinastatin 3; azasetron; azatoxin; azatyrosine; baccatin III derivatives; balanol; batimastat; BCR/ABL antagonists; benzochlorins; benzoylstaurosporine; beta lactam derivatives; beta-alethine; betaclamycin B; betulinic acid; bFGF inhibitor; bicalutamide; bisantrene; bisaziridinylspermine; bisnafide; bistratene A; bizelesin; breflate; bropirimine; budotitane; buthionine sulfoximine; calcipotriol; calphostin C; camptothecin derivatives; canarypox IL-2; capecitabine; carboxamide-amino-triazole; carboxyamidotriazole; CaRest M3; CARN 700; cartilage derived inhibitor; carzelesin; casein kinase inhibitors (ICOS); castanospermine; cecropin B; cetrorelix; chlorlns; chloroquinoxaline sulfonamide; cicaprost; cis-porphyrin; cladribine; clomifene analogues; clotrimazole; collismycin A; collismycin B; combretastatin A4; combretastatin analogue; conagenin; crambescidin 816; crisnatol; cryptophycin 8; cryptophycin A derivatives; curacin A; cyclopentanthraquinones; cycloplatam; cypemycin; cytarabine ocfosfate; cytolytic factor; cytostatin; dacliximab; decitabine; dehydrodidemnin B; deslorelin; dexamethasone; dexifosfamide; dexrazoxane; dexverapamil; diaziquone; didemnin B; didox; diethylnorspermine; dihydro-5-azacytidine; dihydrotaxol, 9-; dioxamycin; diphenyl spiromustine; docetaxel; docosanol; dolasetron; doxifluridine; droloxifene; dronabinol;

duocarmycin SA; ebselen; ecomustine; edelfosine; edrecolomab; eflornithine; elemene; emitefur; epirubicin; epristeride; estramustine analogue; estrogen agonists; estrogen antagonists; etanidazole; etoposide phosphate; exemestane; fadrozole; fazarabine; fenretinide; filgrastim; finasteride; flavopiridol; flezelastine; fluasterone; fludarabine; fluorodaunorunicin hydrochloride; forfenimex; formestane; fostriecin; fotemustine; gadolinium texaphyrin; gallium nitrate; galocitabine; ganirelix; gelatinase inhibitors; gemcitabine; glutathione inhibitors; hepsulfam; heregulin; hexamethylene bisacetamide; hypericin; ibandronic acid; idarubicin; idoxifene; idramantone; ilmofosine; ilomastat; imidazoacridones; imiquimod; immunostimulant peptides; insulin-like growth factor-1 receptor inhibitor; interferon agonists; interferons; interleukins; iobenguane; iododoxorubicin; ipomeanol, 4-; iroplact; irsogladine; isobengazole; isohomohalicondrin B; itasetron; jasplakinolide; kahalalide F; lamellarin-N triacetate; lanreotide; leinamycin; lenograstim; lentinan sulfate; leptolstatin; letrozole; leukemia inhibiting factor; leukocyte alpha interferon; leuprolide+estrogen+progesterone; leuprorelin; levamisole; liarozole; linear polyamine analogue; lipophilic disaccharide peptide; lipophilic platinum compounds; lissoclinamide 7; lobaplatin; lombricine; lometrexol; lonidamine; losoxantrone; lovastatin; loxoribine; lurtotecan; lutetium texaphyrin; lysofylline; lytic peptides; maitansine; mannostatin A; marimastat; masoprocol; maspin; matrilysin inhibitors; matrix metalloproteinase inhibitors; menogaril; merbarone; meterelin; methioninase; metoclopramide; MIF inhibitor; mifepristone; miltefosine; mirimostim; mismatched double stranded RNA; mitoguazone; mitolactol; mitomycin analogues; mitonafide; mitotoxin fibroblast growth factor-saporin; mitoxantrone; mofarotene; molgramostim; monoclonal antibody, human chorionic gonadotrophin; monophosphoryl lipid A+myobacterium cell wall sk; mopidamol; multiple drug resistance gene inhibitor; multiple tumor suppressor 1-based therapy; mustard anticancer agent; mycaperoxide B; mycobacterial cell wall extract; myriaporone; N-acetyldinaline; N-substituted benzamides; nafarelin; nagrestip; naloxone+pentazocine; napavin; naphterpin; nartograstim; nedaplatin; nemorubicin; neridronic acid; neutral endopeptidase; nilutamide; nisamycin; nitric oxide modulators; nitroxide antioxidant; nitrullyn; O6-benzylguanine; octreotide; okicenone; oligonucleotides; onapristone; odansteron; oracin; oral cytokine inducer; ormaplatin; osaterone; oxaliplatin; oxaunomycin; paclitaxel; paclitaxel analogues; paclitaxel derivatives; palauamine; palmitoylrhizoxin; pamidronic acid; panaxytriol; panomifene; parabactin; pazelliptine; pegaspargase;

peldesine; pentosan polysulfate sodium; pentostatin; pentrozole; perflubron; perfosfamide; perillyl alcohol; phenazinomycin; phenylacetate; phosphatase inhibitors; picibanil; pilocarpine hydrochloride; pirarubicin; piritrexim; placetin A; placetin B; plasminogen activator inhibitor; platinum complex; platinum compounds; platinum-triamine complex; porfimer sodium; porfiromycin; prednisone; propyl bis-acridone; prostaglandin J2; proteasome inhibitors; protein A-based immune modulator; protein kinase C inhibitor; protein kinase C inhibitors, microalgal; protein tyrosine phosphatase inhibitors; purine nucleoside phosphorylase inhibitors; purpurins; pyrazoloacridine; pyridoxylated hemoglobin polyoxyethylene conjugate; raf antagonists; raltitrexed; ramosetron; ras farnesyl protein transferase inhibitors; ras inhibitors; ras-GAP inhibitor; retelliptine demethylated; rhenium Re 186 etidronate; rhizoxin; ribozymes; RII retinamide; rogletimide; rohitukine; romurtide; roquinimex; rubiginone B1; ruboxyl; safingol; saintopin; SarCNU; sarcophytol A; sargramostim; Sdi 1 mimetics; semustine; senescence derived inhibitor 1; signal transduction inhibitors; signal transduction modulators; single chain antigen binding protein; sizofiran; sobuzoxane; sodium borocaptate; sodium phenylacetate; solverol; somatomedin binding protein; sonermin; sparfosic acid; spicamycin D; spiromustine; splenopentin; spongistatin 1; squalamine; stem cell inhibitor; stem-cell division inhibitors; stipiamide; stromelysin inhibitors; sulfinosine; superactive vasoactive intestinal peptide antagonist; suradista; suramin; swainsonine; synthetic glycosaminoglycans; tallimustine; tamoxifen methiodide; tauromustine; tazarotene; tecogalan sodium; tegafur; tellurapyrylium; telomerase inhibitors; temoporfin; temozolomide; teniposide; tetrachlorodecaoxide; tetrazomine; thaliblastine; thiocoraline; thrombopoietin; thrombopoietin mimetic; thymalfasin; thymopoietin receptor agonist; thymotrinan; thyroid stimulating hormone; tin ethyl etiopurpurin; tirapazamine; titanocene bichloride; topsentin; toremifene; totipotent stem cell factor; translation inhibitors; tretinoin; triacetyluridine; triciribine; trimetrexate; triptorelin; tropisetron; turosteride; tyrosine kinase inhibitors; tyrphostins; UBC inhibitors; ubenimex; urogenital sinus-derived growth inhibitory factor; urokinase receptor antagonists; vapreotide; variolin B; vector system, erythrocyte gene therapy; velaresol; veramine; verdins; verteporfin; vinorelbine; vinxaltine; vitaxin; vorozole; zanoterone; zeniplatin; zilascorb; and zinostatin stimalamer.

Examples of useful therapeutic agents for treating or preventing UI include, but are not limited to, propantheline, imipramine, hyoscyamine, oxybutynin, and dicyclomine.

Examples of useful therapeutic agents for treating or preventing an ulcer include, antacids such as aluminum hydroxide, magnesium hydroxide, sodium bicarbonate, and calcium bicarbonate; sucraflate; bismuth compounds such as bismuth subsalicylate and bismuth subcitrate; H_2 antagonists such as cimetidine, ranitidine, famotidine, and nizatidine; H^+, K^+ - ATPase inhibitors such as omeprazole, iansoprazole, and lansoprazole; carbenoxolone; misprostol; and antibiotics such as tetracycline, metronidazole, timidazole, clarithromycin, and amoxicillin.

Examples of useful therapeutic agents for treating or preventing IBD include, but are not limited to, anticholinergic drugs; diphenoxylate; loperamide; deodorized opium tincture; codeine; broad-spectrum antibiotics such as metronidazole; sulfasalazine; olsalazine; mesalamine; prednisone; azathioprine; mercaptopurine; and methotrexate.

Examples of useful therapeutic agents for treating or preventing IBS include, but are not limited to, propantheline; muscarine receptor antogonists such as pirenzapine, methoctramine, ipratropium, tiotropium, scopolamine, methscopolamine, homatropine, homatropine methylbromide, and methantheline; and antidiarrheal drugs such as diphenoxylate and loperamide.

Examples of useful therapeutic agents for treating or preventing an addictive disorder include, but are not limited to, methadone, desipramine, amantadine, fluoxetine, buprenorphine, an opiate agonist, 3-phenoxypyridine, levomethadyl acetate hydrochloride, and serotonin antagonists.

Examples of useful therapeutic agents for treating or preventing Parkinson's disease and parkinsonism include, but are not limited to, carbidopa/levodopa, pergolide, bromocriptine, ropinirole, pramipexole, entacapone, tolcapone, selegiline, amantadine, and trihexyphenidyl hydrochloride.

Examples of useful therapeutic agents for treating or preventing anxiety include, but are not limited to, benzodiazepines, such as alprazolam, brotizolam, chlordiazepoxide, clobazam, clonazepam, clorazepate, demoxepam, diazepam, estazolam, flumazenil, flurazepam, halazepam, lorazepam, midazolam, nitrazepam, nordazepam, oxazepam,

prazepam, quazepam, temazepam, and triazolam; non-benzodiazepine agents, such as buspirone, gepirone, ipsapirone, tiospirone, zolpicone, zolpidem, and zaleplon; tranquilizers, such as barbituates, *e.g.*, amobarbital, aprobarbital, butabarbital, butalbital, mephobarbital, methohexital, pentobarbital, phenobarbital, secobarbital, and thiopental; and propanediol carbamates, such as meprobamate and tybamate.

Examples of useful therapeutic agents for treating or preventing epilepsy include, but are not limited to, carbamazepine, ethosuximide, gabapentin, lamotrigine, phenobarbital, phenytoin, primidone, valproic acid, trimethadione, benzodiazepines, γ-vinyl GABA, acetazolamide, and felbamate.

Examples of useful therapeutic agents for treating or preventing stroke include, but are not limited to, anticoagulants such as heparin, agents that break up clots such as streptokinase or tissue plasminogen activator, agents that reduce swelling such as mannitol or corticosteroids, and acetylsalicylic acid.

Examples of useful therapeutic agents for treating or preventing a seizure include, but are not limited to, carbamazepine, ethosuximide, gabapentin, lamotrigine, phenobarbital, phenytoin, primidone, valproic acid, trimethadione, benzodiazepines, gabapentin, lamotrigine, γ-vinyl GABA, acetazolamide, and felbamate.

Examples of useful therapeutic agents for treating or preventing a pruritic condition include, but are not limited to, naltrexone; nalmefene; danazol; tricyclics such as amitriptyline, imipramine, and doxepin; antidepressants such as those given below, menthol; camphor; phenol; pramoxine; capsaicin; tar; steroids; and antihistamines.

Examples of useful therapeutic agents for treating or preventing psychosis include, but are not limited to, phenothiazines such as chlorpromazine hydrochloride, mesoridazine besylate, and thoridazine hydrochloride; thioxanthenes such as chloroprothixene and thiothixene hydrochloride; clozapine; risperidone; olanzapine; quetiapine; quetiapine fumarate; haloperidol; haloperidol decanoate; loxapine succinate; molindone hydrochloride; pimozide; and ziprasidone.

Examples of useful therapeutic agents for treating or preventing Huntington's chorea include, but are not limited to, haloperidol and pimozide.

Examples of useful therapeutic agents for treating or preventing ALS include, but are not limited to, baclofen, neurotrophic factors, riluzole, tizanidine, benzodiazepines such as clonazepan and dantrolene.

Examples of useful therapeutic agents for treating or preventing cognitive disorders include, but are not limited to, agents for treating or preventing dementia such as tacrine; donepezil; ibuprofen; antipsychotic drugs such as thioridazine and haloperidol; and antidepressant drugs such as those given below.

Examples of useful therapeutic agents for treating or preventing a migraine include, but are not limited to, sumatriptan; methysergide; ergotamine; caffeine; and beta-blockers such as propranolol, verapamil, and divalproex.

Examples of useful therapeutic agents for treating or preventing vomiting include, but are not limited to, 5-HT_3 receptor antagonists such as odansteron, dolasetron, granisetron, and tropisetron; dopamine receptor antagonists such as prochlorperazine, thiethylperazine, chlorpromazin, metoclopramide, and domperidone; glucocorticoids such as dexamethasone; and benzodiazepines such as lorazepam and alprazolam.

Examples of useful therapeutic agents for treating or preventing dyskinesia include, but are not limited to, reserpine and tetrabenazine.

Examples of useful therapeutic agents for treating or preventing depression include, but are not limited to, tricyclic antidepressants such as amitryptyline, amoxapine, bupropion, clomipramine, desipramine, doxepin, imipramine, maprotiline, nefazadone, nortriptyline, protriptyline, trazodone, trimipramine, and venlafaxine; selective serotonin reuptake inhibitors such as citalopram, (S)-citalopram, fluoxetine, fluvoxamine, paroxetine, and setraline; monoamine oxidase inhibitors such as isocarboxazid, pargyline, phenelzine, and tranylcypromine; and psychostimulants such as dextroamphetamine and methylphenidate.

A Cyclo(hetero)alkenyl Compound and the other therapeutic agent can act additively or in one embodiment, synergistically. In one embodiment, a Cyclo(hetero)alkenyl Compound is administered concurrently with another therapeutic agent, for example, a composition comprising an effective amount of a Cyclo(hetero)alkenyl Compound, an effective amount of another therapeutic agent can be administered. Alternatively, a composition comprising an effective amount of a

Cyclo(hetero)alkenyl Compound and a different composition comprising an effective amount of another therapeutic agent can be concurrently administered. In another embodiment, an effective amount of a Cyclo(hetero)alkenyl Compound is administered prior or subsequent to administration of an effective amount of another therapeutic agent. In this embodiment, the Cyclo(hetero)alkenyl Compound is administered while the other therapeutic agent exerts its therapeutic effect, or the other therapeutic agent is administered while the Cyclo(hetero)alkenyl Compound exerts its preventative or therapeutic effect for treating or a Condition.

A composition of the invention is prepared by a method comprising admixing a Cyclo(hetero)alkenyl Compound or pharmaceutically acceptable salt and a pharmaceutically acceptable carrier or excipient. Admixing can be accomplished using methods well known for admixing a compound (or salt) and a pharmaceutically acceptable carrier or excipient. In one embodiment the composition is prepared such that the Cyclo(hetero)alkenyl Compound is present in the composition in an effective amount.

4.6 KITS

The invention encompasses kits that can simplify the administration of a Cyclo(hetero)alkenyl Compound to an animal.

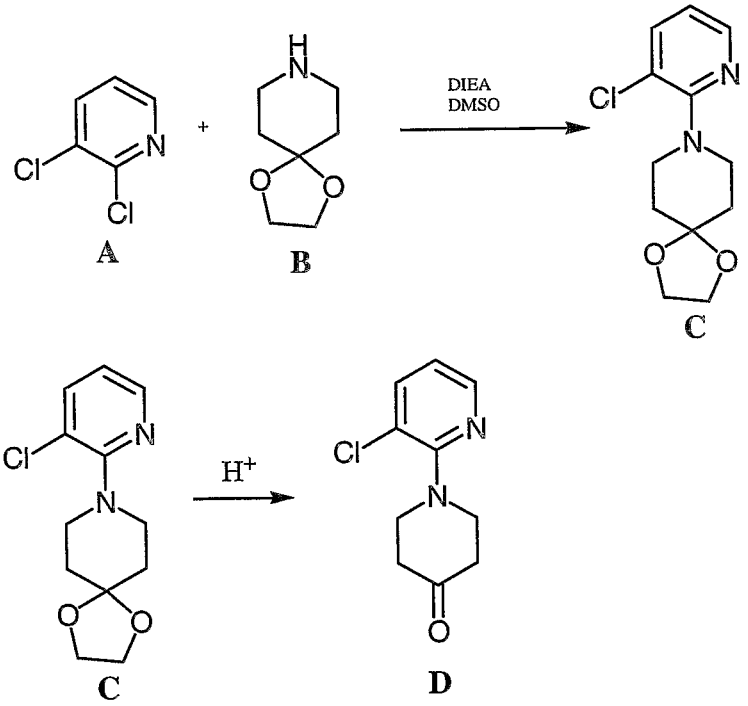
A typical kit of the invention comprises a unit dosage form of a Cyclo(hetero)alkenyl Compound. In one embodiment, the unit dosage form is a container, which can be sterile, containing an effective amount of a Cyclo(hetero)alkenyl Compound and a pharmaceutically acceptable carrier or excipient. The kit can further comprise a label or printed instructions instructing the use of the Cyclo(hetero)alkenyl Compound to treat or prevent a Condition. The kit can also further comprise a unit dosage form of another therapeutic agent, for example, a second container containing an effective amount of the other therapeutic agent and a pharmaceutically acceptable carrier or excipient. In another embodiment, the kit comprises a container containing an effective amount of a Cyclo(hetero)alkenyl Compound, an effective amount of another therapeutic agent and a pharmaceutically acceptable carrier or excipient. Examples of other therapeutic agents include, but are not limited to, those listed above.

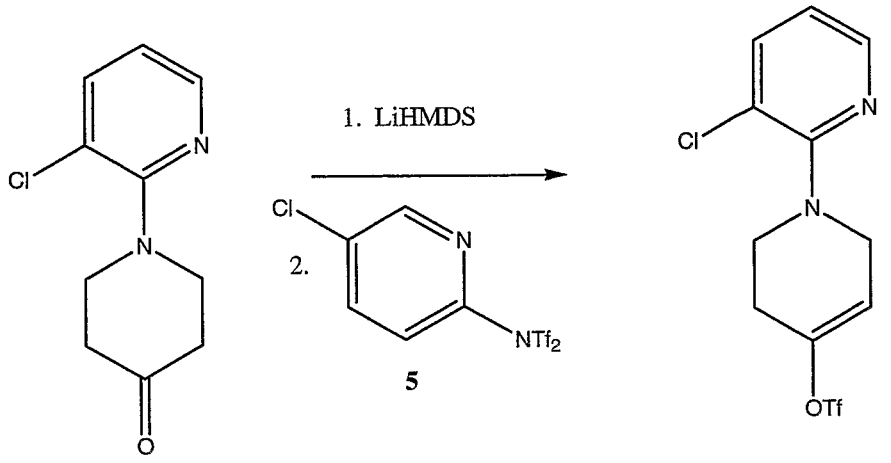
Kits of the invention can further comprise a device that is useful for administering the unit dosage forms. Examples of such a device include, but are not limited to, a syringe, a drip bag, a patch, an inhaler, and an enema bag.

The following examples are set forth to assist in understanding the invention and should not be construed as specifically limiting the invention described and claimed herein. Such variations of the invention, including the substitution of all equivalents now known or later developed, which would be within the purview of those skilled in the art, and changes in formulation or minor changes in experimental design, are to be considered to fall within the scope of the invention incorporated herein.

5. EXAMPLES

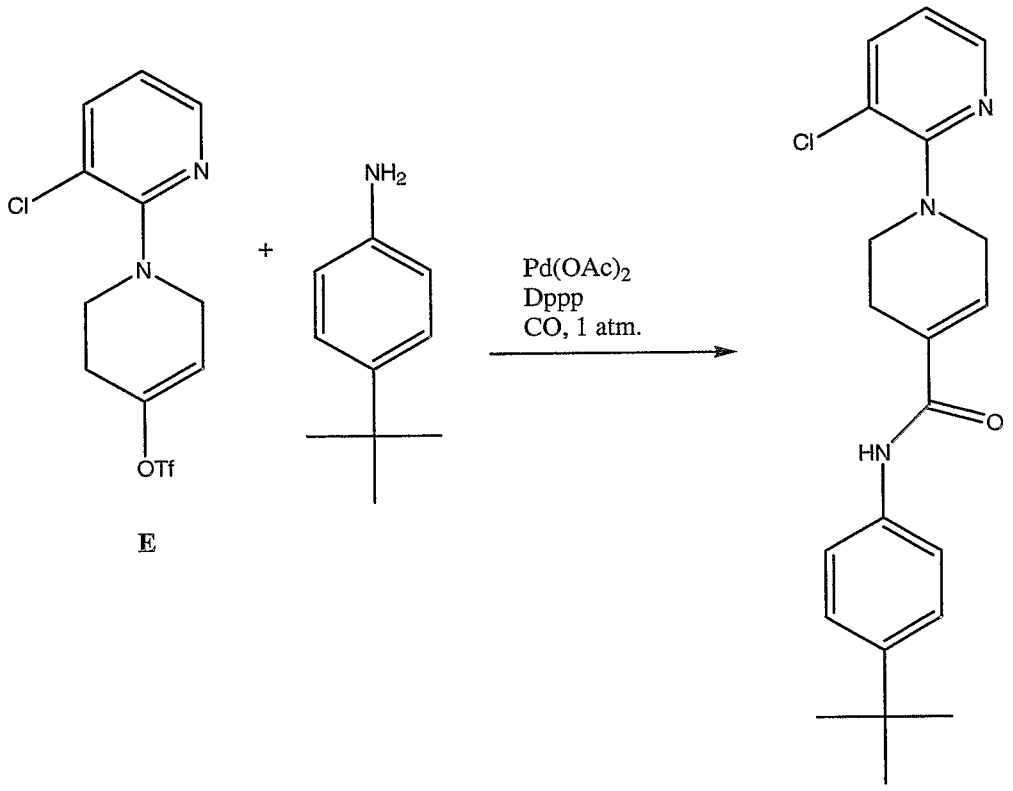
5.1 EXAMPLE 1: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA A26(a)





D

E



E

Compound A26(a)

About 1 eq. of 2,3-dichloropyridine **A** and 1 eq. of a Compound of Formula **B** were heated in DMSO (1 mL/mmol) in the presence of about 1 eq. of DIEA at a temperature of about 125°C for about 12 h. The resulting reaction mixture was cooled to about 25°C and the solvent was removed under reduced pressure to provide a Compound of Formula **C**.

The Compound of Formula **C** was then reacted with 30% TFA in DCM (5 mL/mmol) at a temperature of from about 25°C to about the boiling point of the solvent. The resulting reaction mixture was cooled to about 25°C, neutralized with aq. Na_2CO_3, and the organic layer separated from the aqueous layer. The aqueous layer was then extracted with DCM, the organic layers combined and dried ($MgSO_4$), and the solvent removed under reduced pressure to provide a Compound of Formula **D**. The Compound of Formula **D** was purified using a silica gel column eluted with 15:1 hexane-ethyl acetate.

The Compound of Formula **D** (1 eq.) was reacted with 1.25 eq. of LiHMDS at about -78°C and the resulting reaction mixture allowed to stir at about -78°C for about 2 h. After stirring for about 2 h, 3 eq. of N-(5-chloro-2-pyridyl)triflimide **5** was added to the reaction mixture at a temperature of about -78°C. The reaction mixture was then stirred for about 2.5 h at a temperature of about -78°C and then allowed to warm to about 25°C. The solvent was removed under reduced pressure and the resulting residue purified using a silica gel column eluted with 20:1 hexane-ethyl acetate provide a Compound of Formula **E**.

The Compound of Formula **E** (about 1 eq.), 4-(*tert*-butyl) aniline (about 2 eq.), and triethylamine (about 2.2 eq.) were dissolved in DMF (about 1 mL/mmol) and the resulting solution was degassed by bubbling N_2 through the solution. $Pd(OAc)_2$ and Dppp (about 0.3 eq. of each) were added to the solution and the nitrogen atmosphere was replaced with CO at a pressure of about 1 atm. The reaction mixture was then heated to about 70°C for about 2 h. The reaction mixture was cooled to about 25°C and the solvent removed under reduced pressure to provide a residue. The resulting residue was purified using silica gel column chromatography eluted with 5:1 hexane-ethyl acetate to provide Cyclo(hetero)alkenyl Compound **A26(a)**.

The structure of Cyclo(hetero)alkenyl Compound **A26(a)** was confirmed by ^1H NMR and liquid chromatography-mass spectrometry (LCMS).

Compound of Formula **A26(a)**: ^1H-NMR ($CDCl_3$): 1.33 (s, 9H), 2.71 (m, 2H), 3.60 (t, 2H, J=5.73 Hz), 4.12 (m, 2H), 6.80 (m, 1H), 6.88 (dd, 1H, J=4.9, 7.6 Hz), 7.38 (m, 2H), 7.42 (m, 1H), 7.5 (m, 2H), 7.64 (dd, 1H, J=1.84, 2.02 Hz), 8.21 (dd, 1H, J=1.83, 4.88 Hz); LCMS: 370 (M+1).

5.2 EXAMPLE 2: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA A98(a)

Cyclo(hetero)alkenyl Compound **A98(a)** was obtained by a method analogous to that used to obtain Cyclo(hetero)alkenyl Compound **A26(a)** as described in Example 1 except that 2-chloro-3-(trifluoromethyl)pyridine was used in place of 2,3-dichloropyridine.

The structure of Cyclo(hetero)alkenyl Compound **A98(a)** was confirmed by ^{1}H NMR and liquid chromatography-mass spectrometry.

Compound of Formula **A98(a)**: ^{1}H NMR (400 MHz, $CDCl_3$): δ ppm: 1.31 (s, 9H), 2.66 (m, 2H), 3.51 (t, 2H), 4.05 (dd, 2H), 6.75 (m, 1H), 6.97 (dd, 1H), 7.36 (d, 2H), 7.47 (t, 3H), 7.87 (dd, 1H), 8.41 (dd, 1H); LCMS (M+1): 404.2.

5.3 EXAMPLE 3: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA A34(a)

Cyclo(hetero)alkenyl Compound**A34(a)** was obtained by a method analogous to that used to obtain Cyclo(hetero)alkenyl Compound **A26(a)** as described in Example 1 except that 4-(trifluoromethyl) aniline was used in place of 4-(*tert*-butyl) aniline.

The structure of Cyclo(hetero)alkenyl Compound **A34(a)** was confirmed by ^{1}H NMR and liquid chromatography-mass spectrometry.

Compound of Formula **A34(a)**: ^{1}H NMR (400 MHz, $CDCl_3$) 2.72 (m, 2H), 3.60 (t, 2H, J=5.47 Hz), 4.14 (m, 2H), 6.85 (m, 1H), 6.89 (dd, 1H, J=4.58, 7.69 Hz), 7.62 (d, 2H, J=8.8 Hz), 7.66 (m, 2H), 7.72 (d, 2H, J=8.3 Hz), 8.21 (m, 1H); LCMS: 382 (M+1).

5.4 EXAMPLE 4: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA A29(a)

Cyclo(hetero)alkenyl Compound **A29(a)** was obtained by a method analogous to that used to obtain Cyclo(hetero)alkenyl Compound **A26(a)** as described in Example 1 except that 4-(*iso*-propyl) aniline was used in place of 4-(*tert*-butyl) aniline.

Cyclo(hetero)alkenyl Compound **A29(a)** was confirmed by ^{1}H NMR and liquid chromatography-mass spectrometry.

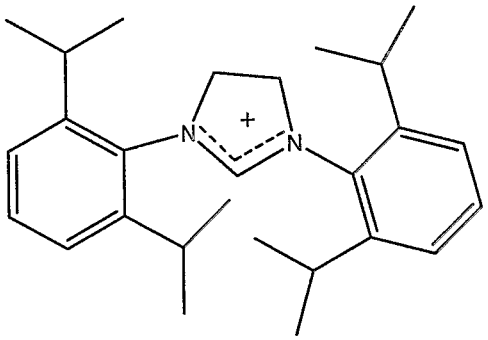
Compound of Formula **A29(a)**: ^{1}H NMR (400 MHz, CD_3OD): δ ppm: 1.21 (bs, 6H), 2.61 (bs, 2H), 2.75 (bm, 1H), 3.55 (bs, 2H), 4.12 (bs, 2H), 6.70 (s, 1H), 6.82 (m,

1H), 7.21 (t, 2H), 7.40 (s, 1H), 7.45 (t, 2H), 7.77 (t, 1H), 8.25 (s, 1H); LCMS: 382 (M+1).

5.5 EXAMPLE 5: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA A75(a)

Cyclo(hetero)alkenyl Compound **A75(a)** was obtained by a method analogous to that used to obtain the Cyclo(hetero)alkenyl Compound **A26(a)** as described in Example 1 except that 2-chloro-3-methyl pyridine was used in place of 2,3-dichloropyridine and the Compound of Formula **C** was obtained by the following method: 2-chloro-3-methyl pyridine (about 1 eq.), a Compound of Formula **B** (about 1.2 eq.), and sodium *tert*-butoxide (1.5 eq.) were dissolved in glyme (0.66 mL/mmol), and the resulting solution was degassed by bubbling N_2 through the solution.

After the solution was degassed, 0.02 eq. of tris-(dibenzylideneacetone) dipalladium (0) catalyst and 0.02 eq. of the ligand depicted below



· BF_4^-

were added to the solution and the resulting reaction mixture was heated at a temperature of about 50°C for about 4.5 h. The reaction mixture was cooled to about 25°C and solids removed by filtering over CELITE. The solvent was then removed under reduced pressure to provide a residue. The resulting residue was purified by column chromatography using a silica gel column eluted with 6:1 hexane-ethyl acetate to provide the Cyclo(hetero)alkenyl Compound **A75(a)**.

The structure of Cyclo(hetero)alkenyl Compound **A75(a)** was confirmed by ^1H NMR and liquid chromatography-mass spectrometry.

Compound of Formula **A75(a)**: ^1H NMR (400 MHz, $CDCl_3$): 1.33 (s, 9H), 2.33 (s, 3H), 2.67 (m, 2H), 3.33 (t, 2H), 3.99 (m, 2H), 6.81 (m, 1H), 6.89 (m, 1H), 7.38 (m, 2H), 7.46 (m, 2H), 7.50 (m, 2H), 8.19 (m, 1H); LCMS: 350 (M+1).

5.6 EXAMPLE 6: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA A81(a)

Cyclo(hetero)alkenyl Compound**A81(a)** was obtained by a method analogous to that used to obtain the Cyclo(hetero)alkenyl Compound **A75(a)** as described in Example 5 except that 4-(isopropoxy) aniline was used in place of 4-(*tert*-butyl)aniline.

The structure of Cyclo(hetero)alkenyl Compound **A81(a)** was confirmed by ^{1}H NMR and liquid chromatography-mass spectrometry.

Compound of Formula **A81(a)**: ^{1}H NMR (400 MHz, CD_3OD): 1.32 (d, 6H, J=5.98 Hz), 2.35 (s, 3H), 2.62 (m, 2H), 3.32 (m, 2H), 3.92 (m, 2H), 4.58 (m, 2H), 6.80 (m, 1H), 6.89 (m, 2H), 6.97 (m, 1H), 7.48 (m, 2H), 7.58 (m, 1H), 8.1 (m, 1H); LCMS: 351 (M^+).

5.7 EXAMPLE 7: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA A77(a)

Cyclo(hetero)alkenyl Compound **A77(a)** was obtained by a method analogous to that used to obtain Cyclo(hetero)alkenyl Compound **A75(a)** as described in Example 5 except that 4-(*iso*-propyl) aniline was used in place of 4-(*tert*-butyl)aniline.

The structure of Cyclo(hetero)alkenyl Compound **A77(a)** was confirmed by ^{1}H NMR and mass spectrometry (MS).

Compound of Formula **A77(a)**: ^{1}H NMR (400 MHz, CD_3OD): δ ppm: 1.25 (bd, 6H), 2.22 (s, 3H), 2.61 (bs, 2H), 2.75 (m, 1H), 3.27 (m, 2H), 3.92 (s, 2H), 6.71 (s, 1H), 6.85 (m, 1H), 7.23 (t, 2H), 7.52 (bm, 4H), 8.15 (s, 1H); MS (EI): m/z 335 (M+1).

5.8 EXAMPLE 8: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA A82(a)

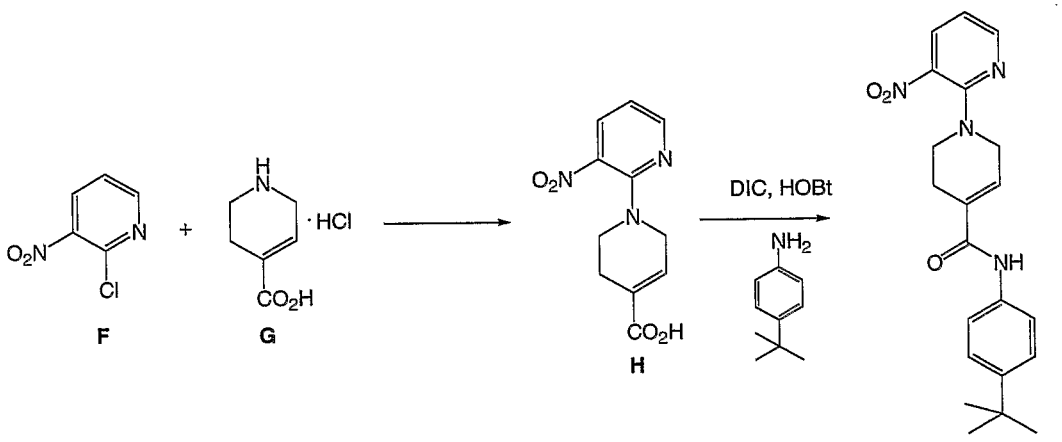
Cyclo(hetero)alkenyl Compound **A82(a)** was obtained by a method analogous to that used to obtain Cyclo(hetero)alkenyl Compound **A75(a)** as described in Example 5 except that (4-trifluoromethyl) aniline was used in place of 4-(*tert*-butyl)aniline.

The structure of Cyclo(hetero)alkenyl Compound **A82(a)** was confirmed by ^{1}H NMR and liquid chromatography-mass spectrometry.

Compound of Formula **A82(a)**: ^{1}H NMR (400 MHz, $CDCl_3$): 2.33 (s, 3H), 2.67 (m, 2H), 3.34 (t, 2H, J=5.48 Hz), 4.01 (dd, 2H, J=2.88, 6.16 Hz), 6.86 (m, 1H), 6.91 (dd,

1H, J=5.09, 7.5 Hz), 7.46 (m, 1H), 7.62 (d, 2H, J=8.47), 7.65 (b, 1H), 7.73 (d, 2H, J=8.5 Hz), 8.18 (m, 1H); LCMS: 362 (M+1).

5.9 EXAMPLE 9: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA A170(a)



Compound A170(a)

A Compound of Formula **F** (about 1 eq.), a Compound of Formula **2** (about 1 eq.) (commercially available from Sigma-Aldrich, St. Louis, MO (www.sigma-aldrich.com)), and triethylamine (about 2.2 eq.) were dissolved in DMF (5 mL/mmol) and the resulting solution was stirred at about 25°C for about 5 h. The solvent was then removed under reduced pressure to provide a yellow residue. The residue was dissolved in methylene chloride and filtered through CELITE. The solvent was then removed from the resulting filtrate under reduced pressure to provide a Compound of Formula **H** which was used without further purification. The Compound of Formula **H** (about 1 eq.), 4-*tert*-butyl aniline (about 5 eq.), 1-hydroxybenzotriazole (HOBt, about 1 eq.), and DIC (about 1 eq.) were dissolved in DCM and the resulting solution was stirred at about 25°C for about 2 days. The solvent was removed under reduced pressure and the resulting residue was purified using silica gel column chromatography eluted with 10:1 hexane-ethyl acetate to provide Cyclo(hetero)alkenyl Compound **A170(a)** as a yellow solid.

The structure of Cyclo(hetero)alkenyl Compound **A170(a)** was confirmed by ^{1}H NMR and mass spectrometry.

Compound of Formula **A170(a)**: ^{1}H NMR (400 MHz, CD_3OD): δ ppm: 1.25 (bd, 6H), 2.22 (s, 3H), 2.61 (bs, 2H), 2.75 (m, 1H), 3.27 (m, 2H), 3.92 (s, 2H), 6.71 (s, 1H), 6.85 (m, 1H), 7.23 (t, 2H), 7.52 (bm, 4H), 8.15 (s, 1H); MS (EI): m/z 335 (M+1).

5.10 EXAMPLE 10: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA B38(a)

Cyclo(hetero)alkenyl Compound **B38(a)** was obtained by a method analogous to that used to obtain the Cyclo(hetero)alkenyl Compound **A26(a)** as described in Example 1 except that 0.2 eq. of 2-amino-6-methylbenzothiazole was used in place of 0.3 eq. 4-(*tert*-butyl)aniline.

The structure of Cyclo(hetero)alkenyl Compound **B38(a)** was confirmed by ^{1}H NMR and liquid chromatography-mass spectrometry.

Compound of Formula **B38(a)**: ^{1}H NMR (400 MHz, $CDCl_3$): δ ppm: 11.25 (s, 1H), 8.15 (dd, 1H), 7.62 (m, 3H), 7.12 (dd, 1H), 6.87 (dd, 1H), 6.81 (m, 1H), 3.83 (m, 2H), 3.57 (t, 2H), 2.78 (m, 2H), 2.40 (s, 3H); LCMS($M+H^+$): 385.

5.11 EXAMPLE 11: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA B37(a)

Cyclo(hetero)alkenyl Compound **B37(a)** was obtained by a method analogous to that used to obtain Cyclo(hetero)alkenyl Compound **B38(a)** as described in Example 10 except that 2-amino-6-fluorobenzothiazole was used in place of 2-amino-6-methylbenzothiazole.

The structure of Cyclo(hetero)alkenyl Compound **B37(a)** was confirmed by ^{1}H NMR and mass spectrometry.

Compound of Formula **B37(a)**: ^{1}H NMR (400 MHz, DMSO): δ ppm: 2.61 (s, 2H), 3.50 (s, 2H), 4.05 (s, 2H), 7.10 (m, 1H), 7.20 (s, 1H), 7.35 (m, 1H), 7.75 (m, 1H), 7.80 (t, 1H), 7.92 (m, 1H), 8.23 (s, 1H), 12.20 (s, 1H); MS (EI): m/z 389 (M+1).

5.12 EXAMPLE 12: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA B85(a) AND B84(a)

Cyclo(hetero)alkenyl Compound **B85(a)** was obtained by a method analogous to that used to obtain Cyclo(hetero)alkenyl Compound **B38(a)** as described in Example 10 except that 2-chloro-3-(trifluoromethyl) pyridine was used in place 2,3-dichloropyridine.

Cyclo(hetero)alkenyl Compound **B84(a)** was obtained by a method analogous to that used to obtain Cyclo(hetero)alkenyl Compound **B38(a)** as described in Example 10 except that 2-chloro-3-(trifluoromethyl) pyridine was used in place 2,3-dichloropyridine, and 2-amino-6-fluorobenzothiazole was used in place of 2-amino-6-methylbenzothiazole.

The structure of Cyclo(hetero)alkenyl Compound **B85(a)** was confirmed by ^{1}H NMR and mass spectrometry.

Compound of Formula **B85(a)**: ^{1}H NMR ($CDCl_3$): 2.46 (s, 3H), 2.74 (m, 2H), 3.54 (t, 2H, J=5.49 Hz), 4.00 (dd, 2H, J=2.86, 6.16 Hz), 6.92 (m, 1H), 7.02 (dd, 1H, J=4.16, 8.36 Hz), 7.20 (m, 1H), 7.63 (m, 2H), 7.91 (dd, 1H, J=2, 7.96 Hz), 8.44 (m, 1H), 9.90 (b, 1H); MS: 419 (M+1).

The structure of Cyclo(hetero)alkenyl Compound **B84(a)** was confirmed by ^{1}H NMR and mass spectrometry.

Compound of Formula **B84(a)**: ^{1}H NMR (400 MHz, $CDCl_3$): δ ppm: 2.73 (m, 2H), 3.52 (t, 2H), 3.95 (d, 2H), 6.90 (s, 1H), 7.06 (m, 2H), 7.51 (dd, 1H), 7.65 (dd, 1H), 7.91 (d, 1H), 8.41 (dd, 1H), 10.27 (broad s, 1H); MS: 423.1 (M+1).

5.13 EXAMPLE 13: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUNDS OF FORMULA B62(a) AND B63(a)

Cyclo(hetero)alkenyl Compound **B62(a)** was obtained by a method analogous to that used to obtain Cyclo(hetero)alkenyl Compound **A75(a)** as described in Example 5 except that 2-amino-6-fluorobenzothiazole was used in place 4-(*tert*-butyl)aniline.

Cyclo(hetero)alkenyl Compound **B63(a)** was obtained by a method analogous to that used to obtain the Cyclo(hetero)alkenyl Compound **A75(a)** as described in Example 5 except that 2-amino-6-methylbenzothiazole was used in place 4-(*tert*-butyl)aniline.

The structure of Cyclo(hetero)alkenyl Compound **B62(a)** was confirmed by ^{1}H NMR and mass spectrometry.

Compound of Formula **B62(a)**: ^{1}H NMR ($CDCl_3$): 9.82 (br, 1H), 8.17 (dd, 1H, J=1.9 and 4.8 Hz), 7.71 (dd, 1H, J=4.8 and 8.7 Hz), 7.54 (dd, 1H, J=2.6 and 8.1 Hz), 7.46 (d, 1H, J=7.2 Hz), 7.15 (ddd, 1H, J=2.3, 6.4 and 8.7 Hz), 7.0-7.04 (m, 1H), 6.91 (dd, 1H, J=4.8 and 7.4 Hz), 3.95 (dd, 2H, J=2.8 and 6.4 Hz), 3.35 (dd, 2H, J=5.4 and 5.8 Hz), 2.68-2.74 (m, 2H), 2.31 (s, 3H); MS: 369 (M+1).

The structure of Cyclo(hetero)alkenyl Compound **B63(a)** was confirmed by ^{1}H NMR and mass spectrometry.

Compound of Formula **B63(a)**: ^{1}H NMR ($CDCl_3$): 9.80 (br, 1H), 8.19 (dd, 1H, J=1.3 and 4.8 Hz), 7.64-7.66 (m, 2H), 7.45 (d, 1H, J=7.2 Hz), 7.23 (dd, 1H, J=1.9 and 8.3

Hz), 6.99-7.0 (m, 1H), 6.85 (dd, 1H, J=4.8 and 7.2 Hz), 3.92-3.95 (m, 2H), 3.34 (dd, 2H, 5.4 and 5.5 Hz), 2.68-2.72 (m, 2H), 2.48 (s, 3H), 2.31 (s, 3H); MS: 365 (M+1).

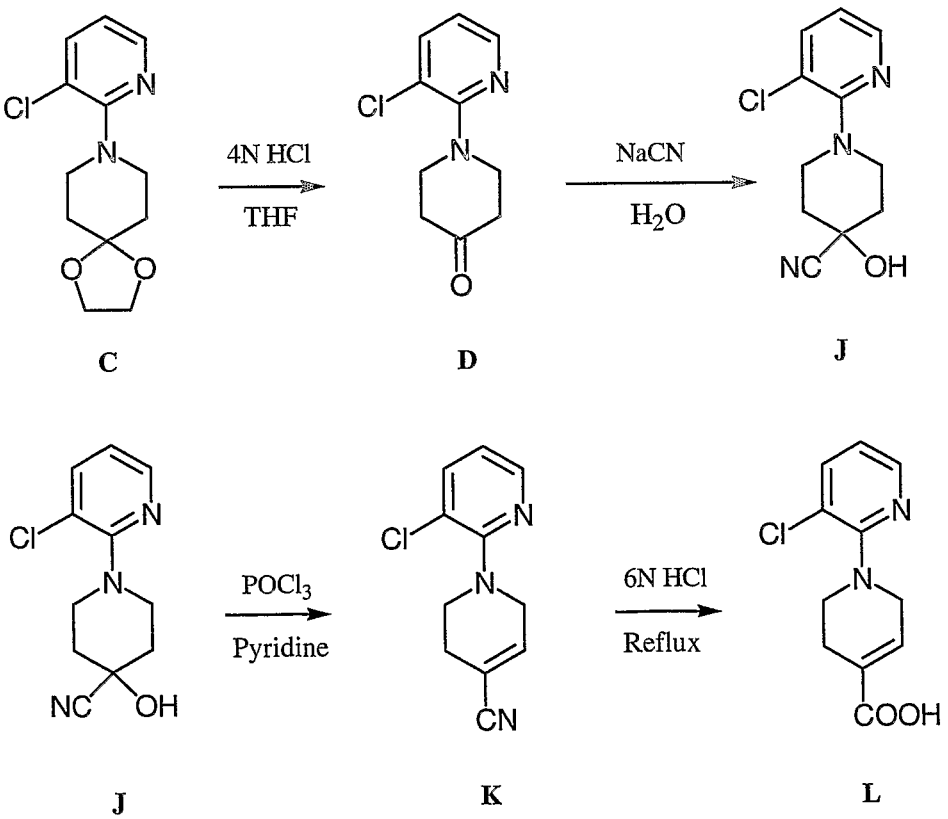
5.14 EXAMPLE 14: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA K1(a)

Cyclo(hetero)alkenyl Compound **K1(a)** was obtained by a method analogous to that used to obtain Cyclo(hetero)alkenyl Compound **A26(a)** as described in Example 1 except that 2,2-difluoro-5-aminobenzodioxole (commercially available from Lancaster Synthesis of Windam, NH) was used in place of *tert*-butyl aniline.

The structure of Cyclo(hetero)alkenyl Compound **K1(a)** was confirmed by ^{1}H NMR.

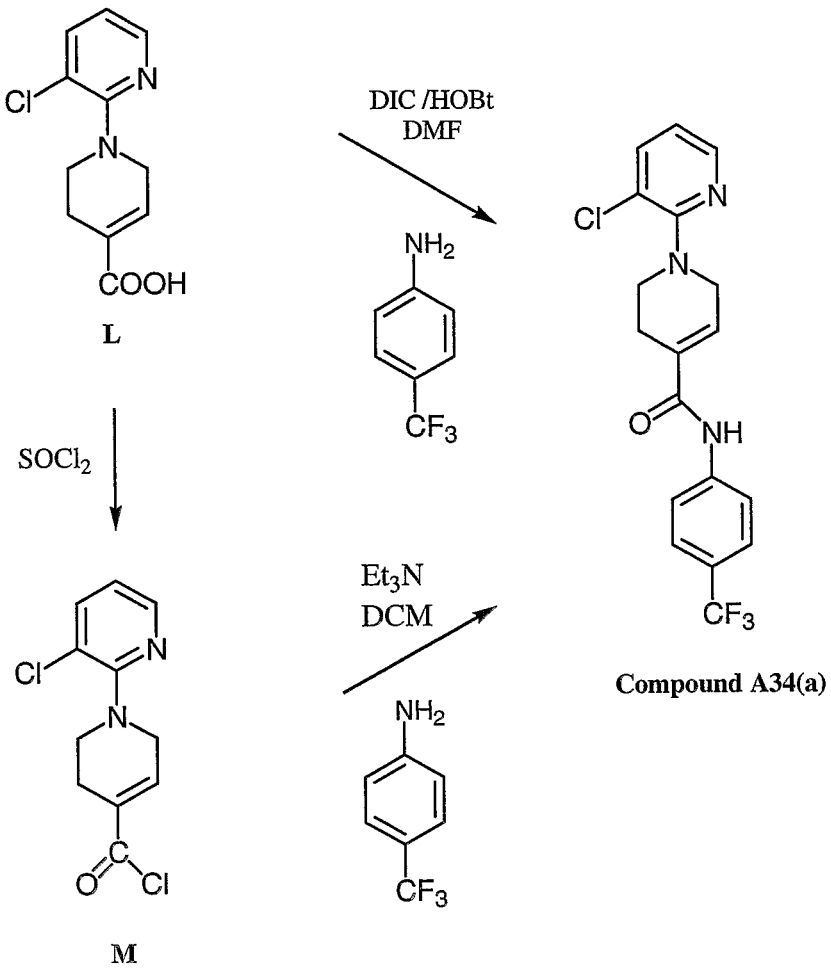
Compound of Formula **K1(a)**: ^{1}H NMR (400 MHz, $CDCl_3$): δ ppm: 8.20-8.17 (m 1H), 6.68-7.65 (m, 1H), 7.64-7.61 (m, 1H), 7.43 (bs, 1H), 7.02-6.99 (m, 2H), 6.89-6.85 (m, 1H), 6.83-6.78 (m, 1H), 4.14-4.08 (m, 2H), 3.61-3.55 (m, 2H), 2.72-2.65 (m, 2H).

5.15 EXAMPLE 15: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA A34(a)



C D J

J K L



Compound A34(a)

A Compound of Formula **C** was obtained, in one method, by a method analogous to that described in Example 1 except that the heating was at a temperature of about 140°C for about 12 hours.

A Compound of Formula **C** was obtained, in another method, by adding at a temperature of about 25°C the Compound of Formula **A** (51.9 g, 350 mmol) to a suspension of the Compound of Formula **B** (50.3 g. 350 mmol) and K_2CO_3 (120 g, 875 mmol) in DMSO to form a reaction mixture. The reaction mixture was stirred at 150°C for about 16 hours. Thereafter, the reaction mixture was cooled to about 25°C and quenched with water. The resulting liquid was extracted 3 times with EtOAc (300 mL per extraction), the organic layers combined and dried (Na_2SO_4), and the solvent removed to provide the Compound of Formula **C** (92.5% yield) with a purity of >90%, as determined by LCMS.

The Compound of Formula **C** (about 0.25 mmol/mL) was reacted with 4N HCl in THF at a temperature of about 50°C for about 16 hours. The resulting reaction mixture was cooled to about 25°C and neutralized with aqueous Na_2CO_3. Separate aqueous and organic layers formed. The organic layer was separated from the aqueous layer. The aqueous layer was then extracted with about 150-300 mL of ethyl acetate. The organic layer was combined with the post-extraction ethyl acetate and the combination was dried with $MgSO_4$. The solvent was removed under reduced pressure to provide a Compound of Formula **D**. The Compound of Formula **D** was purified using a silica gel column eluted with 3:1 hexane:ethyl acetate (80% yield).

The Compound of Formula **D** (1 eq., about 0.3 mmol/mL) was reacted with 1.2 eq. of aqueous NaCN within the temperature range of from 0°C to 25°C for about 12 hours. The solvent was removed under reduced pressure and the resulting residue was purified using a silica gel column eluted with 3:1 hexane:ethyl acetate provide a Compound of Formula **J** (99% yield).

The Compound of Formula **J** (about 1 eq., about 0.25 mmol/mL) was reacted with 2.2 eq. of $POCl_3$ in pyridine at a temperature of about 25°C for about 22 hours. The solvent was removed under reduced pressure and the resulting residue was purified using a silica gel column eluted with 5:1 hexane:ethyl acetate provide a Compound of Formula **K** (91% yield).

The Compound of Formula **K** (about 0.5 mmol/mL) was refluxed in 6N aqueous HCl at a temperature of about 100°C for about 12 hours. The resulting reaction mixture was cooled to about 25°C and the solvent was removed under reduced pressure to provide a Compound of Formula **L** which was used without further purification (92% yield).

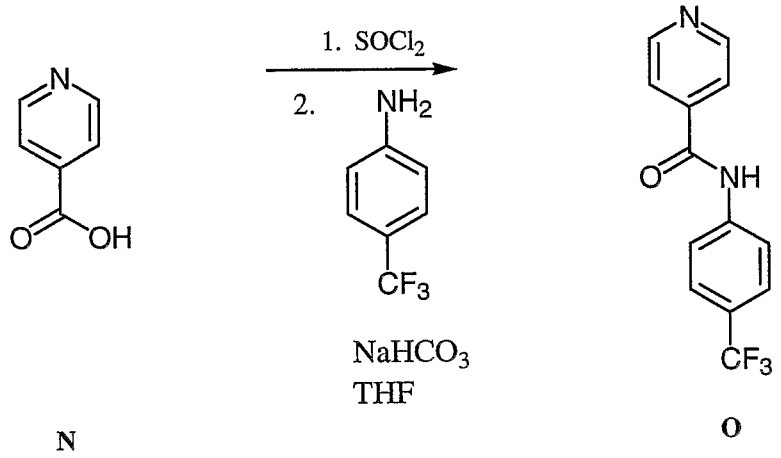
In a single step procedure, the Compound of Formula **L** (about 1 eq.), 4-trifluoromethyl-aniline (about 1 eq., obtained from Aldrich Chemical Co., Milwaukee, WI), 1-hydroxybenzotriazole (HOBt, about 1.25 eq.), and DIC (about 1.25 eq.) were dissolved in DMF (about 0.35 mmol/mL) and the resulting solution was stirred at a temperature of about 25°C for about 12 hours. The solvent was removed under reduced pressure and the resulting residue was purified using silica gel column chromatography eluted with 10:1 hexane:ethyl acetate to provide 0.37 equivalents of Cyclo(hetero)alkenyl Compound **A34(a)** (37% yield).

In a two-step procedure, the Compound of Formula **L** (about 1 eq., about 0.6 mmol/mL) was reacted with excess $SOCl_2$ (about 24 eq.) at a temperature of about 25°C for about 12 hours in a first step to provide a Compound of Formula **M**, which was used without further purification. Then, in a second step, about 1 equivalent of the Compound of Formula **M** (about 1 mmol/5.0 mL), 4-trifluoromethyl-aniline (about 1.5 eq.), and triethylamine (about 2.0 eq.) were dissolved in DCM and the resulting solution was degassed by bubbling nitrogen through the solution. The reaction mixture was kept at about 25°C for about 4 hours. The solvent was removed under reduced pressure to provide a residue. The resulting residue was purified using a silica gel column and eluted with 10:1 hexane:ethyl acetate to provide 0.63 equivalents of Cyclo(hetero)alkenyl Compound **A34(a)** (63% yield for the two-step procedure).

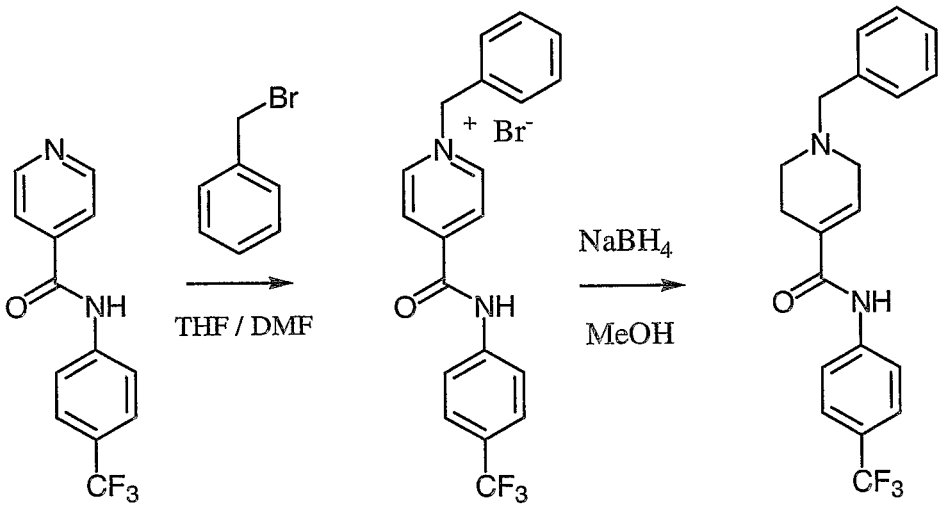
The structure of Cyclo(hetero)alkenyl Compound **A34(a)** was confirmed by ^{1}H-NMR and mass spectrometry.

Compound of Formula **A34(a)**: ^{1}H-NMR ($CDCl_3$): 8.19 (dd, 1H, J=1.6, 7.7 Hz), 7.73 (d, 2H, J=10.1 Hz), 7.67-7.59 (m, 4H), 6.87 (dd, 1H, J=4.8, 7.7 Hz), 6.82 (m, 1H), 4.12 (dd, 2H, J=2.9, 6.3 Hz), 3.58 (t, 2H, J=5.5 Hz), 2.70 (m, 2H); MS: 382.1 (M+1).

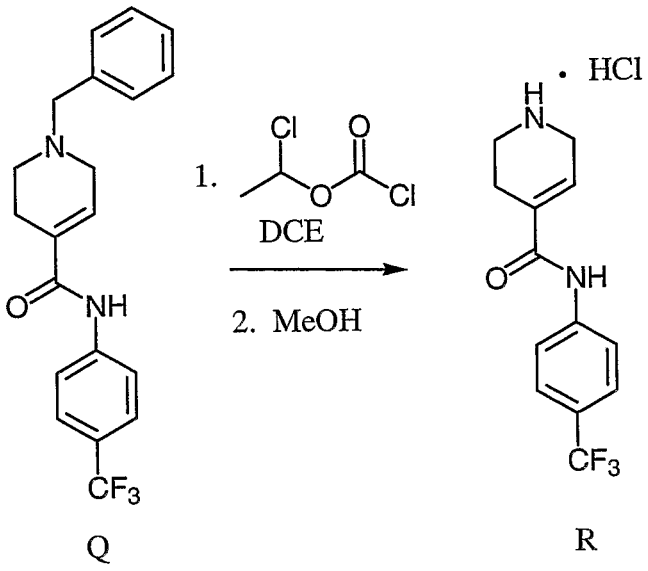
5.16 EXAMPLE 16: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA A178(a)



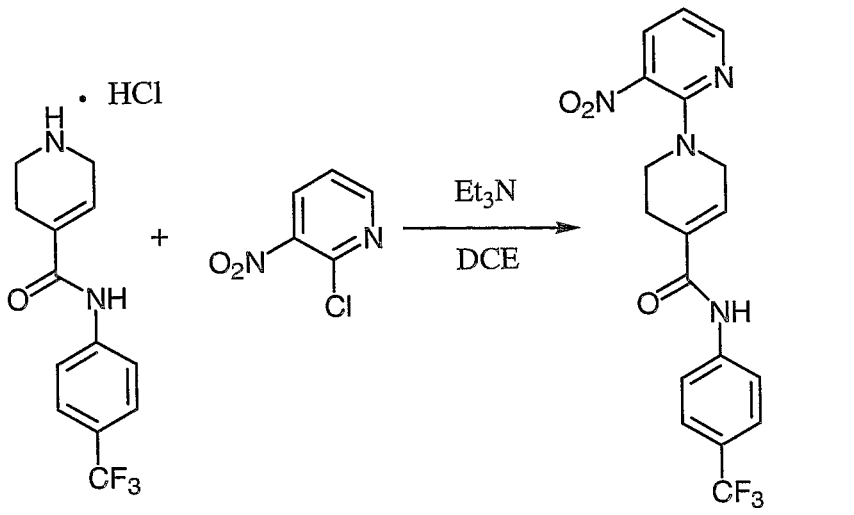
N O



O P Q



Q R



R **Compound A178(a)**

Isonicotinic acid **N** (15 g, 121.8 mmol, obtained from Aldrich Chemical Co.) was added to about 100 mL of thionyl chloride and the reaction mixture was stirred for about 17 h at about 25°C. After this period, excess $SOCl_2$ was removed under reduced pressure to provide a white solid. About 400 mL of THF was added to the resulting solid and the solvent was removed under reduced pressure to provide isonicotinic acid chloride as a white powder. The white powder was dissolved in about 400 mL of THF. The solution was cooled to about 0°C and 4-trifluoromethyl-aniline (21.6 g, 134.0 mmol, 1.1 eq., obtained from Aldrich Chemical Co.) and sodium bicarbonate (30 g, 365.4 mmol, 3.0 eq.) were added. The reaction mixture was stirred for about 5 min at about 0°C, warmed to

about 25°C over about 30 min, then heated to about 65°C and kept at that temperature for about 1 h. After this period, the reaction mixture was cooled to about 25°C and the THF was removed under reduced pressure. The residue was suspended in about 800 mL of ethyl acetate and washed with about 600 mL of aqueous 3N HCl. Separate aqueous and organic layers formed. The layers were separated and the aqueous layer was extracted three times with about 600 mL of ethyl acetate per extraction. The organic layer was combined with the post-extraction ethyl acetate aliquots. The combination was dried with Na_2SO_4 and the solvent was removed under reduced pressure to provide 32 g of the Compound of Formula **O** as a white solid (99% yield).

The structure of the Compound of Formula **O** was confirmed by ^{1}H-NMR and mass spectrometry.

Compound of Formula **O**: ^{1}H-NMR (CD_3OD) δ: 9.14-9.08 (m, 2H), 8.60-8.53 (m, 2H), 8.06-7.98 (m, 2H), 7.77-7.69 (m, 2H); MS: m/z = 267.1.

The Compound of Formula **O** (31 g, 118.1 mmol) was suspended in a mixture of THF (400 mL) and DMF (100 mL) at about 25°C and benzyl bromide (30.3 g, 177.1 mmol, obtained from Aldrich Chemical Co.) was added. The resulting reaction mixture was refluxed for about 24 hours at a temperature of about 80°C. After this period, the reaction mixture was cooled to about 25°C and the resulting solid was filtered off. A majority of the THF was removed from the filtrate under reduced pressure. A precipitate formed when about 400 mL of diethyl ether was added to the DMF-enriched solution. The resulting solid was filtered off. The solids were combined and dried to provide 51 g of the Compound of Formula **P** (99% yield).

The structure of the Compound of Formula **P** was confirmed by ^{1}H-NMR and mass spectrometry.

Compound of Formula **P:** ^{1}H-NMR (CD_3OD) δ: 9.29-9.23 (m, 2H), 8.58-8.51 (m, 2H), 7.98-7.92 (m, 2H), 7.72-7.65 (m, 2H), 7.56-7.51 (m, 2H), 7.49-7.43 (m, 2H), 5.91 (s, 2H); MS: m/z = 357.1.

The Compound of Formula **P** (48 g, 109.8 mmol) was suspended in about 600 mL of methanol, cooled to about 0°C, and sodium borohydride (13.3 g, 351.2 mmol) was added in several portions of about 1 g each over a period of about 30 min. The reaction mixture was stirred for about 1 h at about 0°C and warmed to about 25°C over about a 2 hour period. After this period, the methanol was removed under reduced pressure. The

residue was diluted with about 800 mL of brine and about 1.5 L of ethyl acetate. Separate aqueous and organic layers formed. The layers were separated and the aqueous layer was washed twice with about 600 mL of ethyl acetate per wash. The organic layer was combined with the post-washing ethyl acetate aliquots. The combination was dried with Na_2SO_4 and the solvent was removed under reduced pressure to provide a brown residue. The residue was dissolved in about 200 mL of DCM. A precipitate formed when about 200 mL of hexane was added to the DCM solution. The resulting solid was filtered off. The solid was dried to provide 39 g of the Compound of Formula **Q** (98% yield).

The structure of the Compound of Formula **Q** was confirmed by ^{1}H-NMR and mass spectrometry.

Compound of Formula **Q**: ^{1}H-NMR ($CDCl_3$) δ: 7.70-7.64 (m, 2H), 7.62-7.56 (m, 4H), 7.48 (bs, 1H), 7.38-7.27 (m, 5H), 6.69-6.64 (m, 1H), 3.64 (s, 2H), 3.21-3.16 (m, 2H), 2.72-2.66 (m, 2H), 2.56-2.48 (m, 2H); MS: m/z = 361.1.

Under a dry nitrogen atmosphere, α-chloroethylchloroformate (16 mL, 22.6 g, 158.1 mmol, obtained from Aldrich Chemical Co.) was added drop wise to a solution of the Compound of Formula **Q** (30 g, 83.2 mmol) in about 500 mL of DCE over a period of about 15 min at about 0°C. The reaction mixture was then warmed to about 25°C over a period of about 30 min. The reaction mixture was then heated to about 83°C and refluxed for about 4 hours at that temperature. After this period, the solvent and unreacted α-chloroethylchloroformate were removed under reduced pressure. The resulting residue was dissolved in about 500 mL of methanol. The methanol solution was refluxed for about 3 hours at a temperature of about 65°C. After this, the methanol was removed to provide 31.3 g of brown residue. The residue was dissolved in about 500 mL of DCM. A precipitate formed when about 300 mL of diethyl ether was added to the DCM solution. The resulting solid was filtered off. The solid was dried to provide 26 g of the Compound of Formula **R** as white solid. The ^{1}H-NMR and LCMS analyses of the white solid showed that the sample was about 92-95% pure; therefore, the yield (based on the starting weight of compound **Q** used) was determined to be about 94-97%.

The structure of the Compound of Formula **R** was confirmed by ^{1}H-NMR and mass spectrometry.

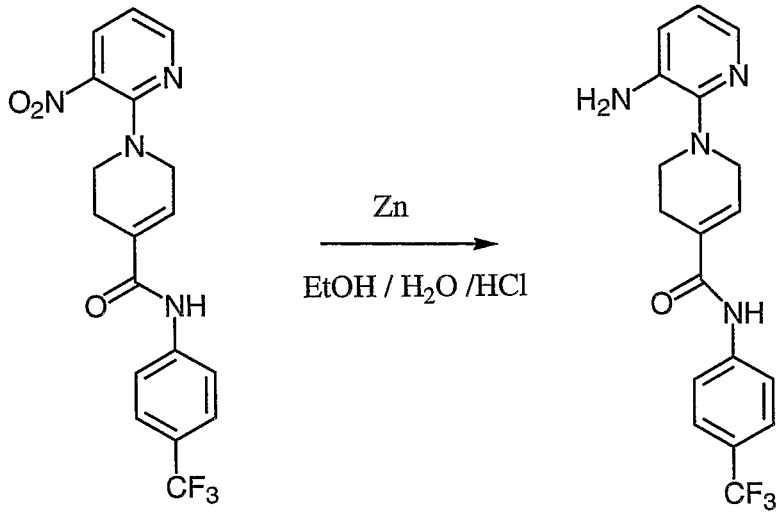
Compound of Formula **R**: ^{1}H-NMR (CD_3OD) δ: 7.79-7.71 (m, 2H), 7.60-7.49 (m, 2H), 6.65-6.59 (m, 1H), 3.84-3.76 (m, 2H), 3.36-3.28 (m, 2H), 2.68-2.59 (m, 2H); LCMS: m/z = 271.1.

The Compound of Formula **R** (10.5 g, 34.2 mmol), 2-chloro-3-nitropyridine (5.1 g, 32.2 mmol, obtained from Aldrich Chemical Co.) and triethylamine (19 mL, 13.8 g, 136.8 mmol) were mixed in about 500 mL of DCE at about 25°C and kept for about 12 hours at about 25°C. After this period the mixture was poured into about 800 mL of aqueous sodium bicarbonate and about 800 mL of DCM. Separate aqueous and organic layers formed. The organic layer was separated from the aqueous layer. The organic layer was dried with Na_2SO_4 and the solvent was removed under reduced pressure to provide 14.2 g of crude product. The crude product was dissolved in about 300 mL of DCM. A precipitate formed when about 600 mL of hexane was added to the DCM solution. The resulting solid was filtered off and dried to provide 12.5 g of Cyclo(hetero)alkenyl Compound **A178(a)** as a yellow solid (99% yield).

The structure of Cyclo(hetero)alkenyl Compound **A178(a)** was confirmed by ^{1}H-NMR and mass spectrometry.

Compound of Formula **A178(a)**: ^{1}H-NMR ($CDCl_3$) δ: 8.38-8.35 (m, 1H), 8.21-8.16 (m, 2H), 7.73-7.66 (m, 1H), 7.64-7.57 (m, 1H), 7.52 (bs, 1H), 6.84-6.79 (m, 1H), 6.75-6.71 (m, 1H), 4.06-4.01 (m, 2H), 3.76-3.70 (m, 2H), 2.74-2.67 (m, 2H); MS: m/z = 393.1.

5.17 EXAMPLE 17: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA AAA



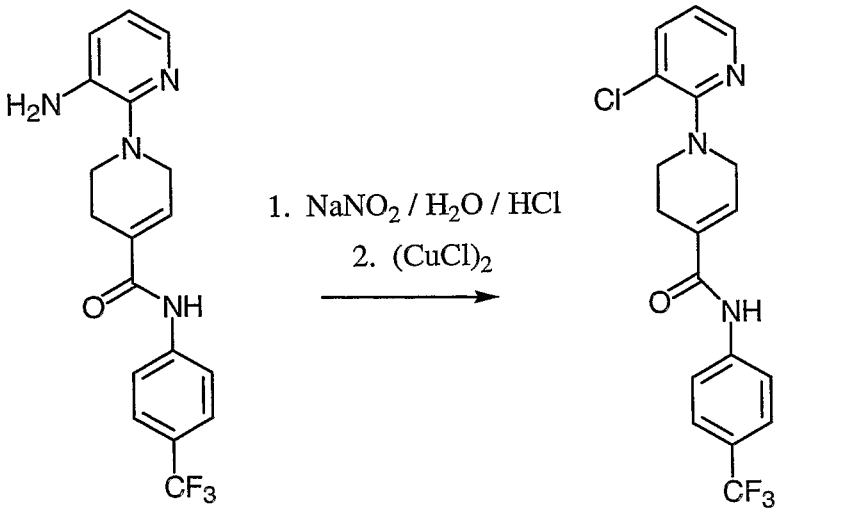
Compound A178(a) **Compound AAA**

A mixture of zinc granules (13.9 g, 212.3 mmol) in ethanol (160 mL), water (40 mL), and HCl (10 mL) was cooled to about 0°C. A solution of Cyclo(hetero)alkenyl Compound **A178(a)** in about 120 mL of ethanol was added to the mixture. The resulting reaction mixture was stirred for about 1.5 h at about 0°C. After this period, the mixture was filtered and the solvent was removed from the filtrate under reduced pressure to provide a dark brown residue. The residue was dissolved in about 1 L of DCM and neutralized with 1N aqueous KOH to a pH of about 10. Separate aqueous and organic layers formed. The organic layer was separated from the aqueous layer. The organic layer was dried with Na_2SO_4 and the solvent was removed under reduced pressure to provide 9.2 g of a brown oil. The ^{1}H-NMR and LCMS analyses of the oil showed that the sample was about 80-85% pure; therefore, the yield (based on the starting weight of Cyclo(hetero)alkenyl Compound **AAA**) of the Cyclo(hetero)alkenyl Compound **AAA** was determined to be about 96-100%.

The structure of Cyclo(hetero)alkenyl Compound **AAA** was confirmed by ^{1}H-NMR and mass spectrometry.

Compound of Formula **AAA**: ^{1}H-NMR ($CDCl_3$) δ: 7.82-7.79 (m, 1H), 7.73-7.68 (m, 2H), 7.63-7.57 (m, 3H), 7.01-6.96 (m, 1H), 6.91-6.83 (m, 2H), 3.95-3.89 (m, 2H), 3.83-3.75 (m, 2H), 3.35-3.29 (m, 2H), 2.68-2.60 (m, 2H); LCMS: m/z = 363.2.

5.18 EXAMPLE 18: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA A34(a)



Compound AAA **Compound A34(a)**

Cyclo(hetero)alkenyl Compound **AAA** (1.77 g, 4.88 mmol) was suspended in about 100 mL of 6N aqueous HCl, cooled to about 0°C, and treated with a solution of $NaNO_2$ (0.34 g, 4.88 mmol) in about 40 mL of water with stirring. The resulting solution was stirred for about 30 minutes at about 0°C. Thereafter, a solution of $(CuCl)_2$ (0.58 g, 5.86 mmol, obtained from Aldrich Chemical Co.) in about 50 mL of water was added. The resulting mixture was stirred for about 30 minutes at about 0°C, allowed to warm to about 25°C, then stirred for about 1 h at about 25°C. After this period, the mixture was diluted with about 300 mL of water and extracted twice with about 700 mL of ethyl acetate used per extraction. The post-extraction ethyl acetate aliquots were combined, dried with Na_2SO_4 and the solvent was removed to provide 1.8 g of a dark brown oil. This oil was purified by flash chromatography on a silica gel column, using a gradient of from 5:95 to 80:20 (by volume) ethyl acetate:hexane as an eluent, to provide 0.82 g of the Cyclo(hetero)alkenyl Compound **A34(a)** as tan solid (45% yield).

The structure of Cyclo(hetero)alkenyl Compound **A34(a)** was confirmed by ^{1}H-NMR and mass spectrometry.

Compound of Formula **A34(a)**: ^{1}H-NMR ($CDCl_3$) δ: 8.19 (dd, 1H, J=1.54, 4.82 Hz), 7.73-7.67 (m, 2H), 7.65-7.56 (m, 4H), 6.87 (dd, 1H, J=4.6, 7.45 Hz), 6.85-6.82 (m, 1H), 4.14-4.09 (m, 2H), 3.58 (t, 2H, J=5.7 Hz), 2.74-2.66 (m, 2H); MS: m/z = 382.1.

5.19 EXAMPLE 19: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA A36(a)

Compound **A36(a)** was prepared according to Example 1, except that 4-trifluoromethoxyphenyl amine was used in place of 4-(*tert*-butyl) aniline.

5.20 EXAMPLE 20: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA L1(a)

Compound **L1(a)** was prepared according to Example 1, except that 4-chloro-3-trifluoromethylphenyl amine was used in place of 4-(*tert*-butyl) aniline.

5.21 EXAMPLE 21: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA A106(a)

Compound **A106(a)** was prepared according to Example 3, except that 2-chloro-3-trifluoropyridine was used in place of 2,3-dichloropyridine.

5.22 EXAMPLE 22: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA L3(a)

Compound **L3(a)** was prepared according to Example 1, except that 4-methyl-3-trifluoromethylphenyl amine was used in place of 4-(*tert*-butyl) aniline.

5.23 EXAMPLE 23: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA L4(a)

Compound **L4(a)** was prepared according to Example 1, except that 3-chloro-4-(trifluoromethylthio)benzenamine was used in place of 4-(*tert*-butyl) aniline.

5.24 EXAMPLE 24: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA L5(a)

Compound **L5(a)** was prepared according to Example 1, except that 4-fluoro-3-trifluoromethylphenyl amine was used in place of 4-(*tert*-butyl) aniline.

5.25 EXAMPLE 25: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA L7(a)

Compound **L7(a)** was prepared according to Example 1, except that 4-amino-2-trifluoromethylbenzonitrile was used in place of 4-(*tert*-butyl) aniline.

5.26 EXAMPLE 26: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA A44(a)

Compound **A44(a)** was prepared according to Example 1, except that 4-(1,1,2,2-tetrafluoroethoxy)benzenamine was used in place of 4-(*tert*-butyl) aniline.

5.27 EXAMPLE 27: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA A43(a)

Compound **A43(a)** was prepared according to Example 1, except that *N,N*-diethylbenzene-1,4-diamine was used in place of 4-(*tert*-butyl) aniline.

5.28 EXAMPLE 28: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA A34(b)

Compound **A34(b)** was prepared according to Example 1, except that 4-trifluoromethylphenyl amine was used in place of 4-(*tert*-butyl) aniline and 1-(3-chloropyridin-2-yl)-3-methylpiperidin-4-one, the reaction product of 3-methylpiperidin-4-one with 2,3-dichloropyridine (Compound of Formula **A**), was used in place of the Compound of Formula **D**.

3-Methylpiperidin-4-one was prepared by debenzylating 1-benzyl-3-methylpiperidin-4-one as follows. 70 g (344.3 mmol) of 1-benzyl-3-methylpiperidin-4-one (available from Across Organics, Piscataway, NJ) was dissolved in methanol (400 mL) under a nitrogen atmosphere. 5.6 g of a Pd/C catalyst was added to form a reaction mixture. The nitrogen atmosphere was replaced by a hydrogen atmosphere. The reaction mixture was stirred at 25°C for 48 hours and then filtered through a pad of CELITE

(about 200 g). The filtrate was concentrated by removing the solvent under reduced pressure to provide 38 g of 3-methylpiperidin-4-one.

1-(3-Chloropyridin-2-yl)-3-methylpiperidin-4-one was prepared by dissolving 19.2 g 3-methylpiperidin-4-one (168.9 mmol) and 25 g of Compound of Formula **A** (168.9 mmol) in DMSO (400 mL) under a nitrogen atmosphere to form a reaction mixture. The reaction mixture was stirred at 85°C for 12 hours. Therefter, the solvent was removed under reduced pressure. The residue was purified by column chromatography on a silica gel column, using a gradient of from 10:90 to 98:2 (by volume) ethyl acetate:hexane as an eluent, to provide 9 g of 1-(3-chloropyridin-2-yl)-3-methylpiperidin-4-one.

The structure of Cyclo(hetero)alkenyl Compound **A34(b)** was confirmed by ^{1}H-NMR.

Compound of Formula **A34(b)**: ^{1}H NMR (400 MHz, $CDCl_3$): δ ppm: 8.20 (dd, 1H, J=4.82, 1.53 Hz), 7.74-7.69 (m, 2H), 7.64-7.58 (m, 4H), 6.87 (dd, 1H, J=7.45, 4.82 Hz), 6.61 (bt, 1H, J=3.29 Hz), 4.17-4.09 (m, 1H), 3.99 (td, 1H, J=19.1, 2.85 Hz), 3.64 (dd, 1H, J=12.49, 3.94 Hz), 3.34 (dd, 1H, J=12.71, 4.38 Hz), 3.13-3.04 (m, 1H), 1.29 (d, 3H, J=6.79 Hz).

5.29 EXAMPLE 29: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA K4(a)

Compound **K4(a)** was prepared according to Example 21, except that 2,2-difluoro-5-aminobenzodioxole was used in place of 4-(trifluoromethyl) aniline.

5.30 EXAMPLE 30: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA A42(a)

Compound **A42(a)** was prepared according to Example 1, except that 4-(trifluoromethylthio)benzenamine was used in place of 4-(*tert*-butyl) aniline.

5.31 EXAMPLE 31: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA M1(a)

Compound **M1(a)** was prepared according to Example 1, except that 5-trifluoromethylpyridin-2-yl amine was used in place of 4-(*tert*-butyl) aniline.

5.32 EXAMPLE 32: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA M23(a)

Compound **M23(a)** was prepared according to Example 1, except that 6-trifluoromethylpyridin-3-yl amine was used in place of 4-(*tert*-butyl) aniline.

5.33 EXAMPLE 33: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA M4(a)

Compound **M4(a)** was prepared according to Example 31, except that 2-chloro-3-trifluoromethylpyridine was used in place of 2,3-dichloropyridine.

5.34 EXAMPLE 34: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA M26(a)

Compound **M26(a)** was prepared according to Example 33, except that 6-trifluoromethylpyridin-3-yl amine was used in place of 5-trifluoromethylpyridin-2-yl amine.

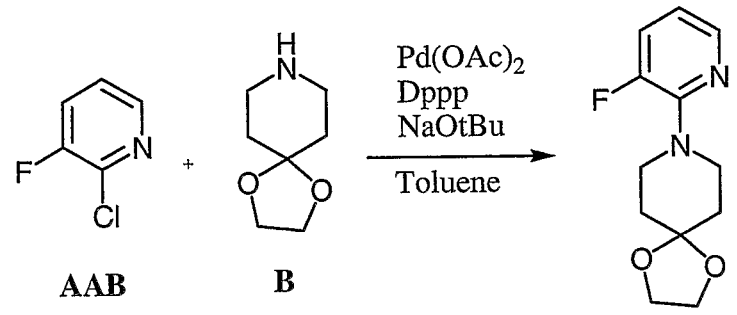
5.35 EXAMPLE 35: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA E34(a)

Compound **E34(a)** was prepared according to Example 3, except that 2,3-dichloropyrazine was used in place of 2,3-dichloropyridine.

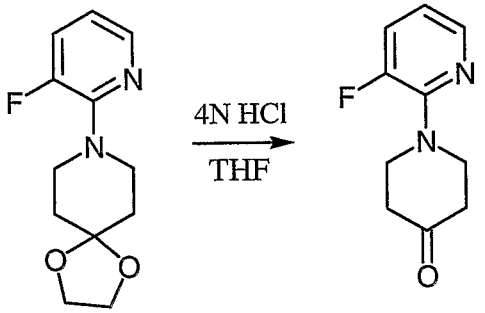
5.36 EXAMPLE 36: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA A58(a)

Compound **A58(a)** was prepared according to Example 3, except that 2-chloro-3-fluoropyridine was used in place of 2,3-dichloropyridine.

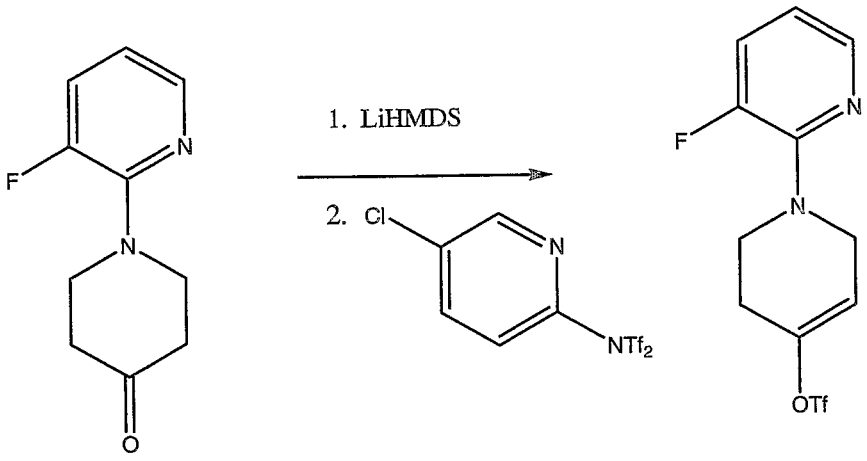
5.37 EXAMPLE 37: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA M2(a)



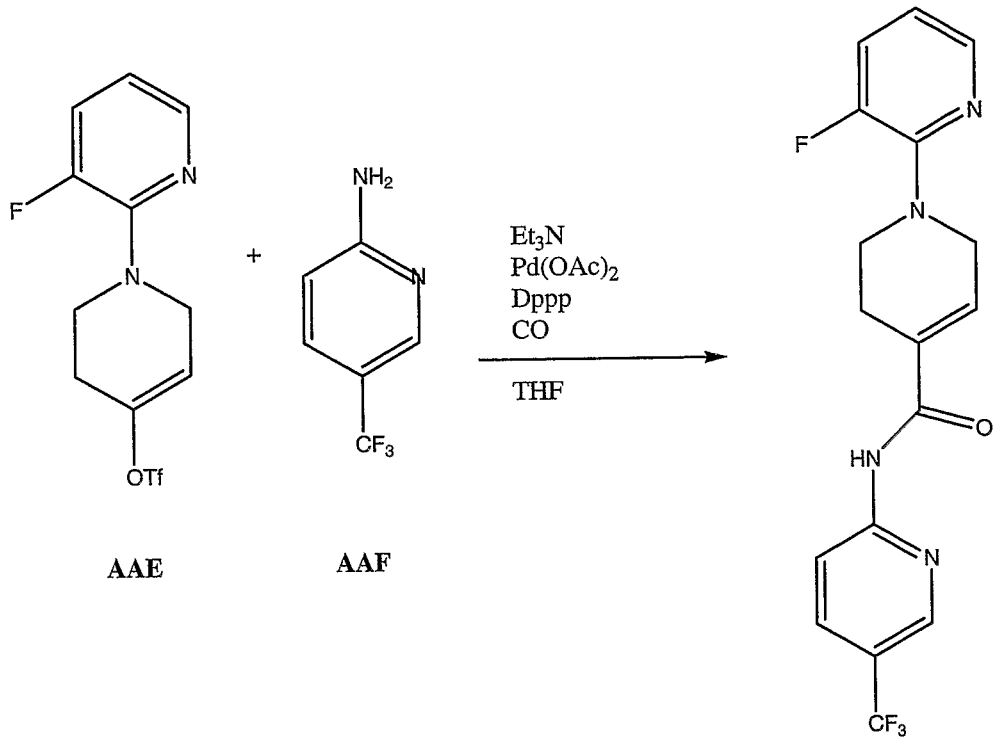
AAB B AAC



AAC AAD



AAD AAE



AAE **AAF**

Compound M2(a)

1.1 eq. of the piperidinyl ketal 1,4-dioxa-8-azaspiro[4.5]-decane (**B**) was added to a 1.2M solution of 2-chloro-3-fluoropyridine (**AAB**, 1 eq.) in toluene (96 mL), followed by the addition of 1.1 eq. of the sodium salt of 2-methylpropan-2-ol ("NaOtBu"), 0.05 eq. $Pd(OAc)_2$, and 0.05 eq. Dppp to form a reaction mixture. The atmosphere in contact with the reaction mixture was replaced by nitrogen. The reaction mixture was stirred with a magnetic stirring bar and heated to 65°C. The reaction mixture was stirred at this temperature for 3 h. The reaction mixture was then cooled to about 25°C and filtered through about 200 g of CELITE powder that had been prewetted with about 200 mL of EtOAc. The solvent was partially removed under reduced pressure to provide a residue. The residue was purified by passing through a silica gel pad with a solution of 50% EtOAc in hexane by volume. This provided the Compound of Formula **AAC** as a yellow oil (94% yield) which was shown, by LC/MS, to be about 99% pure. The structure of the Compound of Formula **AAC** was confirmed by ^{1}H-NMR spectrometry.

Compound of Formula **AAC**: ^{1}H-NMR ($CDCl_3$) δ: 8.01-7.97 (m, 1H), 7.25-7.17 (m, 1H), 6.75-6.69 (m, 1H), 4.02 (s, 4H), 3.64-3.57 (m, 4H), 1.86-1.80 (m, 4H).

The Compound of Formula **AAC,** prepared as described above, was used without further purification. 1 eq. of the Compound of Formula **AAC** was dissolved in 60 mL THF. Thereafter, an equal volume of 4N aqueous HCl was added to form a reaction mixture. The reaction mixture was stirred while heating to 60°C and stirred at this temperature for 3 h. The reaction mixture was then to cooled to about 25°C. The solution was made basic by adding aqueous K_2CO_3, extracted with EtOAc, dried over Na_2SO_4, and the solvent was removed under reduced pressure to provide a residue. The residue was purified by chromatography on a silica gel column, using a gradient of from 0:100 to 5:95 (by volume) methanol:(10% diethyl ether in hexane by volume) as an eluent, to provide, after removing the solvent under reduced pressure, the ketone Compound of Formula **AAD** as a yellow oil (82% yield). The structure of the Compound of Formula **AAD** was confirmed by ^{1}H-NMR spectrometry.

Compound of Formula **AAD**: ^{1}H-NMR ($CDCl_3$) δ: 8.06-8.01 (m, 1H), 7.33-7.25 (m, 1H), 6.85-6.78 (m, 1H), 3.90-3.79 (m, 4H), 2.62-2.51 (m, 4H).

Under a nitrogen atmosphere, the Compound of Formula **AAD** (5.6 g, 26.6 mmol) was dissolved in THF (500 mL) at a temperature of about 25°C. The resulting solution was cooled to -78°C and LiHMDS (35 mL, 34.6 mmol, 1M in THF) was added to form a reaction mixture. The reaction mixture was stirred at -78°C for 1.5 h and a THF (100 mL) solution of *N*-(5-chloro-2-pyridyl)triflimide (also known as Comins' reagent, 10.5 g, 26.6 mmol) was added. The resulting reaction mixture was stirred at -78°C for 1 h. The reaction mixture was then warmed to about 25°C over a 1 h period and stirred for an additional 4 h at about 25°C. After this period, the solvent was removed under reduced pressure to provide a residue. The residue was purified by column chromatography on a silica gel column, using a gradient of from 2:98 to 50:50 (by volume) EtOAc:hexane as an eluent, to provide 5.75 g of the triflate Compound of Formula **AAE** as light yellow oil.

The structure of the Compound of Formula **AAE** was confirmed by ^{1}H-NMR and mass spectrometry.

Compound of Formula **AAE**: ^{1}H-NMR ($CDCl_3$) δ: 8.03-7.97 (m, 1H), 7.31-7.22 (m, 1H + $CHCl_3$), 6.83-6.75 (m, 1H), 5.92-5.87 (m, 1H), 4.17-4.12 (m, 2H), 3.77-3.71 (m, 2H), 2.64-2.58 (m, 2H); MS: 327 (M+1).

Under a nitrogen atmosphere, the Compound of Formula **AAE** (2.1 g, 6.4 mmol), 5-trifluromethyl-pyridin-2-ylamine (**AAF**, 2.1 g, 12.8 mmol), and triethylamine (1.96 mL, 1.42 g, 14.2 mmol) were dissolved in THF (30 mL) at a temperature of about 25°C. The resulting solution was stirred for 2 min. Thereafter, $Pd(OAc)_2$ (287 mg, 1.28 mmol) and Dppp (528 mg, 1.28 mmol) were added to form a reaction mixture. The reaction mixture was flushed with nitrogen gas. The nitrogen atmosphere was removed and replaced by a carbon monoxide atmosphere. The reaction mixture was stirred while heating to 72°C and stirred at this temperature for 35 minutes. The reaction mixture was then to cooled to about 25°C. The solvent was removed under reduced pressure to provide a residue. The residue was purified by column chromatography on a silica gel column, using a gradient of from 2:98 to 99:1 (by volume) EtOAc:hexane as an eluent, to provide 1.2 g of Cyclo(hetero)alkenyl Compound **M2(a)** as a white solid.

The structure of Cyclo(hetero)alkenyl Compound **M2(a)** was confirmed by ^{1}H-NMR and mass spectrometry.

Cyclo(hetero)alkenyl Compound **M2(a)**: ^{1}H-NMR (CD_3OD) δ: 8.66-8.60 (m, 1H), 8.40-8.33 (m, 1H), 8.12-7.96 (m, 2H), 7.47-7.36 (m, 1H), 6.95-6.82 (m, 2H), 4.26-4.18 (m, 2H), 3.73-3.64 (m, 2H), 2.68-2.57 (m, 2H); MS: m/z = 367.

5.38 EXAMPLE 38: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA Y34(a)

Compound **Y34(a)** was prepared according to Example 3, except that 2-chloro-3-fluoropyridine was used in place of 2,3-dichloropyridine.

5.39 EXAMPLE 39: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA N34(a)

Compound **N34(a)** was prepared according to Example 1, except that 4-(trifluoromethyl)-*N*-methylbenzenamine was used in place of 4-(*tert*-butyl) aniline.

5.40 EXAMPLE 40: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA A45(a)

Compound **A45(a)** was prepared according to Example 1, except that 2-(4-aminophenyl)-1,1,1,3,3,3-hexafluoropropan-2-ol was used in place of 4-(*tert*-butyl) aniline.

5.41 EXAMPLE 41: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA A226(a)

Compound **A226(a)** was prepared according to Example 3, except that 2-chloro-3-bromopyridine was used in place of 2,3-dichloropyridine.

5.42 EXAMPLE 42: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA L8(a)

Compound **L8(a)** was prepared according to Example 1, except that 3-chloro-4-trifluoromethoxy aniline was used in place of 4-(*tert*-butyl) aniline.

5.43 EXAMPLE 43: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA A116(a)

Compound **A116(a)** was prepared according to Example 33, except that 4-(1,1,2,2-tetrafluoroethoxy)phenyl amine was used in place of 5-trifluoromethylpyridin-2-yl amine.

5.44 EXAMPLE 44: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA A118(a)

Compound **A118(a)** was prepared according to Example 1, except that 4-(1,1-dimethyl-pentyl)phenyl amine was used in place of 4-(*tert*-butyl) aniline.

5.45 EXAMPLE 45: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA A120(a)

Compound **A120(a)** was prepared according to Example 1, except that 4-(piperidin-1-yl)benzenamine was used in place of 4-(*tert*-butyl) aniline.

5.46 EXAMPLE 46: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA L6(a)

Compound **L6(a)** was prepared according to Example 1, except that 3-fluoro-4-trifluoromethylphenyl amine was used in place of 4-(*tert*-butyl) aniline.

5.47 EXAMPLE 47: SYNTHESIS OF A CYCLO(HETERO)ALKENYL COMPOUND OF FORMULA A47(a)

Compound **A47(a)** was prepared according to Example 1, except that 2-(4-aminophenyl)-2-methylpropionic acid ethyl ester was used in place of 4-(*tert*-butyl) aniline.

5.48 EXAMPLE 48: BINDING OF CYCLO(HETERO)ALKENYL COMPOUNDS TO mGluR5

The following assay can be used to demonstrate that Cyclo(hetero)alkenyl Compounds bind to and modulate the activity of mGluR5.

Cell cultures: Primary glial cultures are prepared from cortices of Sprague-Dawley 18 days old embryos. The cortices are dissected and then dissociated by trituration. The resulting cell homogenate is plated onto poly-D-lysine precoated T175 flasks (BIOCOAT, commercially available from Becton Dickinson and Company Inc. of Franklin Lakes, NJ) in Dulbecco's Modified Eagle's Medium ("DMEM," pH 7.4), buffered with 25 mM HEPES, and supplemented with 15% fetal calf serum ("FCS," commercially available from Hyclone Laboratories Inc. of Omaha, NE), and incubated at 37°C and 5% CO_2. After 24 hours, FCS supplementation is reduced to 10%. On day six, oligodendrocytes and microglia are removed by strongly tapping the sides of the flasks. One day following this purification step, secondary astrocyte cultures are established by subplating onto 96 poly-D-lysine precoated T175 flasks (BIOCOAT) at a density of 65,000 cells/well in DMEM and 10% FCS. After 24 hours, the astrocytes are washed with serum free medium and then cultured in DMEM, without glutamate, supplemented with 0.5% FCS, 20 mM HEPES, 10 ng/mL epidermal growth factor ("EGF"), 1 mM sodium pyruvate, and 1X penicillin/streptomycin at pH 7.5 for 3 to 5 days at 37°C and 5% CO_2. The procedure allows the expression of the mGluR5 receptor by astrocytes, as demonstrated by S. Miller *et al.*, *J. Neurosci.* 15(9):6103-6109 (1995).

Assay Protocol: After 3-5 days incubation with EGF, the astrocytes are washed with 127 mM NaCl, 5 mM KCl, 2 mM $MgCl_2$, 700 mM NaH_2PO_4, 2 mM $CaCl_2$, 5 mM $NaHCO_3$, 8 mM HEPES, 10 mM Glucose at pH 7.4 ("Assay Buffer") and loaded with the dye Fluo-4 (commercially available from Molecular Probes Inc. of Eugene, OR) using 0.1 mL of Assay Buffer containing Fluo-4 (3 mM final). After 90 minutes of dye loading, the cells are then washed twice with 0.2 mL Assay Buffer and resuspended in 0.1 mL of

Assay Buffer. The plates containing the astrocytes are then transferred to a Fluorometric Imaging Plate reader (commercially available from Molecular Devices Corporation of Sunnyvale, CA) for the assessment of calcium mobilization flux in the presence of glutamate and in the presence or absence of antagonist. After monitoring fluorescence for 15 seconds to establish a baseline, DMSO solutions containing various concentrations of a Cyclo(hetero)alkenyl Compound diluted in Assay Buffer (0.05 mL of 4X dilutions for competition curves) are added to the cell plate and fluorescence is monitored for 2 minutes. 0.05 mL of a 4X glutamate solution (agonist) is then added to each well to provide a final glutamate concentration in each well of 10 mM. Plate fluorescence is then monitored for an additional 60 seconds after agonist addition. The final DMSO concentration in the assay s is 1.0%. In each experiment, fluorescence is monitored as a function of time and the data analyzed using Microsoft Excel and GraphPad Prism. Dose-response curves are fit using a non-linear regression to determine IC_{50} value. In each experiment, each data point is determined two times.

5.49 EXAMPLE 49: IN VIVO ASSAYS FOR PREVENTION OR TREATMENT OF PAIN

Test Animals: Each experiment uses rats weighing between 200-260 g at the start of the experiment. The rats are group-housed and have free access to food and water at all times, except prior to oral administration of a Cyclo(hetero)alkenyl Compound when food is removed for 16 hours before dosing. A control group acts as a comparison to rats treated with a Cyclo(hetero)alkenyl Compound. The control group is administered the carrier for the Cyclo(hetero)alkenyl Compound. The volume of carrier administered to the control group is the same as the volume of carrier and Cyclo(hetero)alkenyl Compound administered to the test group.

Acute Pain: To assess the actions of the Cyclo(hetero)alkenyl Compounds for the treatment or prevention of acute pain the rat tail flick test can be used. Rats are gently restrained by hand and the tail exposed to a focused beam of radiant heat at a point 5 cm from the tip using a tail flick unit (Model 7360, commercially available from Ugo Basile of Italy). Tail flick latencies are defined as the interval between the onset of the thermal stimulus and the flick of the tail. Animals not responding within 20 seconds are removed from the tail flick unit and assigned a withdrawal latency of 20 seconds. Tail flick latencies are measured immediately before (pre-treatment) and 1, 3, and 5 hours

following administration of a Cyclo(hetero)alkenyl Compound. Data are expressed as tail flick latency(s) and the percentage of the maximal possible effect (% MPE), *i.e.*, 15 seconds, is calculated as follows:

$$\% \text{ MPE} = \frac{[\text{(post administration latency)} - \text{(pre-administration latency)}]}{\text{(20 s pre-administration latency)}} \times 100$$

The rat tail flick test is described in F.E. D'Amour *et al.*, "A Method for Determining Loss of Pain Sensation," *J. Pharmacol. Exp. Ther.* 72:74-79 (1941).

Acute pain can also be assessed by measuring the animal's response to noxious mechanical stimuli by determining the paw withdrawal threshold ("PWT"), as described below.

Inflammatory Pain: To assess the actions of the Cyclo(hetero)alkenyl Compounds for the treatment or prevention of inflammatory pain the Freund's complete adjuvant ("FCA") model of inflammatory pain is used. FCA-induced inflammation of the rat hind paw is associated with the development of persistent inflammatory mechanical hyperalgesia and provides reliable prediction of the anti-hyperalgesic action of clinically useful analgesic drugs (L. Bartho *et al.*, "Involvement of Capsaicin-sensitive Neurones in Hyperalgesia and Enhanced Opioid Antinociception in Inflammation," *Naunyn-Schmiedeberg's Archives of Pharmacol.* 342:666-670 (1990)). The left hind paw of each animal is administered a 50 μL intraplantar injection of 50% FCA. 24 hour post injection, the animal is assessed for response to noxious mechanical stimuli by determining the PWT, as described below. Rats are then administered a single injection of 1, 3, 10 or 30 mg/Kg of either a Cyclo(hetero)alkenyl Compound; 30 mg/Kg of a control selected from Celebrex, indomethacin or naproxen; or carrier. Responses to noxious mechanical stimuli are then determined 1, 3, 5 and 24 hours post administration. Percentage reversal of hyperalgesia for each animal is defined as:

$$\% \text{ Reversal} = \frac{[\text{(post administration PWT)} - \text{(pre-administration PWT)}]}{[\text{(baseline PWT)} - \text{(pre-administration PWT)}]} \times 100$$

Neuropathic Pain: To assess the actions of the Cyclo(hetero)alkenyl Compounds for the treatment or prevention of neuropathic pain either the Seltzer model or the Chung model can be used.

In the Seltzer model, the partial sciatic nerve ligation model of neuropathic pain is used to produce neuropathic hyperalgesia in rats (Z. Seltzer *et al.*, "A Novel Behavioral Model of Neuropathic Pain Disorders Produced in Rats by Partial Sciatic Nerve Injury," *Pain* 43:205-218 (1990)). Partial ligation of the left sciatic nerve is performed under isoflurane/O_2 inhalation anaesthesia. Following induction of anesthesia, the left thigh of the rat is shaved and the sciatic nerve exposed at high thigh level through a small incision and is carefully cleared of surrounding connective tissues at a site near the trocanther just distal to the point at which the posterior biceps semitendinosus nerve branches off of the common sciatic nerve. A 7-0 silk suture is inserted into the nerve with a 3/8 curved, reversed-cutting mini-needle and tightly ligated so that the dorsal 1/3 to ½ of the nerve thickness is held within the ligature. The wound is closed with a single muscle suture (4-0 nylon (Vicryl)) and vetbond tissue glue. Following surgery, the wound area is dusted with antibiotic powder. Sham-treated rats undergo an identical surgical procedure except that the sciatic nerve is not manipulated. Following surgery, animals are weighed and placed on a warm pad until they recover from anesthesia. Animals are then returned to their home cages until behavioral testing begins. The animal is assessed for response to noxious mechanical stimuli by determining PWT, as described below, prior to surgery (baseline), then immediately prior to and 1, 3, and 5 hours after drug administration for rear paw of the animal. Percentage reversal of neuropathic hyperalgesia is defined as:

$$\% \text{ Reversal} = \frac{[\text{(post administration PWT)} - \text{(pre-administration PWT)}]}{[\text{(baseline PWT)} - \text{(pre-administration PWT)}]} \times 100$$

In the Chung model, the spinal nerve ligation model of neuropathic pain is used to produce mechanical hyperalgesia, thermal hyperalgesia and tactile allodynia in rats. Surgery is performed under isoflurane/O_2 inhalation anaesthesia. Following induction of anaesthesia a 3 cm incision is made and the left paraspinal muscles are separated from the

spinous process at the L_4 - S_2 levels. The L_6 transverse process is carefully removed with a pair of small rongeurs to identify visually the L_4 - L_6 spinal nerves. The left L_5 (or L_5 and L_6) spinal nerve(s) is isolated and tightly ligated with silk thread. A complete hemostasis is confirmed and the wound is sutured using non-absorbable sutures, such as nylon sutures or stainless steel staples. Sham-treated rats undergo an identical surgical procedure except that the spinal nerve(s) is not manipulated. Following surgery animals are weighed, administered a subcutaneous (s.c.) injection of saline or ringers lactate, the wound area is dusted with antibiotic powder and they are kept on a warm pad until they recover from the anesthesia. Animals are then be returned to their home cages until behavioral testing begins. The animals are assessed for response to noxious mechanical stimuli by determining PWT, as described below, prior to surgery (baseline), then immediately prior to and 1, 3, and 5 hours after being administered a Cyclo(hetero)alkenyl Compound for the left rear paw of the animal. The animal can also be assessed for response to noxious thermal stimuli or for tactile allodynia, as described below. The Chung model for neuropathic pain is described in S.H. Kim, "An Experimental Model for Peripheral Neuropathy Produced by Segmental Spinal Nerve Ligation in the Rat," *Pain* 50(3):355-363 (1992).

Response to Mechanical Stimuli as an Assessment of Mechanical Hyperalgesia: The paw pressure assay can be used to assess mechanical hyperalgesia. For this assay, hind paw withdrawal thresholds (PWT) to a noxious mechanical stimulus are determined using an analgesymeter (Model 7200, commercially available from Ugo Basile of Italy) as described in C. Stein, "Unilateral Inflammation of the Hindpaw in Rats as a Model of Prolonged Noxious Stimulation: Alterations in Behavior and Nociceptive Thresholds," *Pharmacol. Biochem. and Behavior* 31:451-455 (1988). The maximum weight that can be applied to the hind paw is set at 250 g and the end point is taken as complete withdrawal of the paw. PWT is determined once for each rat at each time point and only the affected (ipsilateral) paw is tested.

Response to Thermal Stimuli as an Assessment of Thermal Hyperalgesia: The plantar test can be used to assess thermal hyperalgesia. For this test, hind paw withdrawal latencies to a noxious thermal stimulus are determined using a plantar test apparatus (commercially available from Ugo Basile of Italy) following the technique described by K. Hargreaves *et al.*, "A New and Sensitive Method for Measuring Thermal Nociception

in Cutaneous Hyperalgesia," *Pain* 32(1):77-88 (1988). The maximum exposure time is set at 32 seconds to avoid tissue damage and any directed paw withdrawal from the heat source is taken as the end point. Three latencies are determined at each time point and averaged. Only the affected (ipsilateral) paw is tested.

Assessment of Tactile Allodynia: To assess tactile allodynia, rats are placed in clear, plexiglass compartments with a wire mesh floor and allowed to habituate for a period of at least 15 minutes. After habituation, a series of von Frey monofilaments are presented to the plantar surface of the left (operated) foot of each rat. The series of von Frey monofilaments consists of six monofilaments of increasing diameter, with the smallest diameter fiber presented first. Five trials are conducted with each filament with each trial separated by approximately 2 minutes. Each presentation lasts for a period of 4-8 seconds or until a nociceptive withdrawal behavior is observed. Flinching, paw withdrawal or licking of the paw are considered nociceptive behavioral responses.

5.50 EXAMPLE 50: IN VIVO ASSAYS FOR PREVENTION OR TREATMENT OF ANXIETY

The elevated plus maze test or the shock-probe burying test can be used to assess the anxiolytic activity of Cyclo(hetero)alkenyl Compounds in rats or mice.

The Elevated Plus Maze Test: The elevated plus maze consists of a platform with 4 arms, two open and two closed (50 x 10 x 50 cm enclosed with an open roof). Rats (or mice) are placed in the center of the platform, at the crossroad of the 4 arms, facing one of the closed arms. Time spent in the open arms vs the closed arms and number of open arm entries during the testing period are recorded. This test is conducted prior to drug administration and again after drug administration. Test results are expressed as the mean time spent in open arms and the mean number of entries into open arms. Known anxiolytic drugs increase both the time spent in open arms and number of open arm entries. The elevated plus maze test is described in D. Treit, "Animal Models for the Study of Anti-anxiety Agents: A Review," *Neurosci. & Biobehavioral Reviews* 9(2):203-222 (1985).

The Shock-Probe Burying Test: For the shock-probe burying test the testing apparatus consists of a plexiglass box measuring 40 x 30 x 40 cm, evenly covered with approximately 5 cm of bedding material (odor absorbent kitty litter) with a small hole in one end through which a shock probe (6.5 cm long and 0.5 cm in diameter) is inserted.

The plexiglass shock probe is helically wrapped with two copper wires through which an electric current is administered. The current is set at 2 mA. Rats are habituated to the testing apparatus for 30 min on 4 consecutive days without the shock probe in the box. On test day, rats are placed in one corner of the test chamber following drug administration. The probe is not electrified until the rat touches it with its snout or fore paws, at which point the rat receives a brief 2 mA shock. The 15 min testing period begins once the rat receives its first shock and the probe remains electrified for the remainder of the testing period. The shock elicits burying behavior by the rat. Following the first shock, the duration of time the rat spends spraying bedding material toward or over the probe with its snout or fore paws (burying behavior) is measured as well as the number of contact-induced shocks the rat receives from the probe. Known anxiolytic drugs reduce the amount of burying behavior. In addition, an index of the rat's reactivity to each shock is scored on a 4 point scale. The total time spent immobile during the 15 min testing period is used as an index of general activity. The shock-probe burying test is described in D. Treit, 1985, *supra*.

5.51 EXAMPLE 51: *IN VIVO* ASSAYS FOR PREVENTION OR TREATMENT OF AN ADDICTIVE DISORDER

The conditioned place preference test or drug self-administration test can be used to assess the ability of Cyclo(hetero)alkenyl Compounds to attenuate the rewarding properties of known drugs of abuse.

The Conditioned Place Preference Test: The apparatus for the conditioned place preference test consists of two large compartments (45 x 45 x 30 cm) made of wood with a plexiglass front wall. These two large compartments are distinctly different. Doors at the back of each large compartment lead to a smaller box (36 x 18 x 20 cm) box made of wood, painted grey, with a ceiling of wire mesh. The two large compartments differ in terms of shading (white vs black), level of illumination (the plexiglass door of the white compartment is covered with aluminum foil except for a window of 7 x 7 cm), texture (the white compartment has a 3 cm thick floor board (40 x 40 cm) with nine equally spaced 5 cm diameter holes and the black has a wire mesh floor), and olfactory cues (saline in the white compartment and 1 mL of 10% acetic acid in the black compartment). On habituation and testing days, the doors to the small box remain open, giving the rat free access to both large compartments.

The first session that a rat is placed in the apparatus is a habituation session and entrances to the smaller grey compartment remain open giving the rat free access to both large compartments. During habituation, rats generally show no preference for either compartment. Following habituation, rats are given 6 conditioning sessions. Rats are divided into 4 groups: carrier pre-treatment + carrier (control group), Cyclo(hetero)alkenyl Compound pre-treatment + carrier, carrier pre-treatment + morphine, Cyclo(hetero)alkenyl Compound pre-treatment + morphine. During each conditioning session the rat is injected with one of the drug combinations and confined to one compartment for 30 min. On the following day, the rat receives a carrier + carrier treatment and is confined to the other large compartment. Each rat receives three conditioning sessions consisting of 3 drug combination-compartment and 3 carrier-compartment pairings. The order of injections and the drug/compartment pairings are counterbalanced within groups. On the test day, rats are injected prior to testing (30 min to 1 hour) with either morphine or carrier and the rat is placed in the apparatus, the doors to the grey compartment remain open and the rat is allowed to explore the entire apparatus for 20 min. The time spent in each compartment is recorded. Known drugs of abuse increase the time spent in the drug-paired compartment during the testing session. If the Cyclo(hetero)alkenyl Compound blocks the acquisition of morphine conditioned place preference (reward), there will be no difference in time spent in each side in rats pre-treated with a Cyclo(hetero)alkenyl Compound and the group will not be different from the group of rats that was given carrier + carrier in both compartments. Data will be analyzed as time spent in each compartment (drug combination-paired vs carrier-paired). Generally, the experiment is repeated with a minimum of 3 doses of a Cyclo(hetero)alkenyl Compound.

The Drug Self-Administration Test: The apparatus for the drug self-administration test is a standard commercially available operant conditioning chamber. Before drug trials begin rats are trained to press a lever for a food reward. After stable lever pressing behavior is acquired, rats are tested for acquisition of lever pressing for drug reward. Rats are implanted with chronically indwelling jugular catheters for i.v. administration of compounds and are allowed to recover for 7 days before training begins. Experimental sessions are conducted daily for 5 days in 3 hour sessions. Rats are trained to self-administer a known drug of abuse, such as morphine. Rats are then presented with

two levers, an "active" lever and an "inactive" lever. Pressing of the active lever results in drug infusion on a fixed ratio 1 (FR1) schedule (*i.e.*, one lever press gives an infusion) followed by a 20 second time out period (signaled by illumination of a light above the levers). Pressing of the inactive lever results in infusion of excipient. Training continues until the total number of morphine infusions stabilizes to within ± 10% per session. Trained rats are then used to evaluate the effect of Cyclo(hetero)alkenyl Compounds pre-treatment on drug self-administration. On test day, rats are pre-treated with a Cyclo(hetero)alkenyl Compound or excipient and then are allowed to self-administer drug as usual. If the Cyclo(hetero)alkenyl Compound blocks the rewarding effects of morphine, rats pre-treated with the Cyclo(hetero)alkenyl Compound will show a lower rate of responding compared to their previous rate of responding and compared to excipient pre-treated rats. Data is analyzed as the change in number of drug infusions per testing session (number of infusions during test session – number of infusions during training session).

5.52 EXAMPLE 52: FUNCTIONAL ASSAY FOR CHARACTERIZING mGluR1 ANTAGONISTIC PROPERTIES

Functional assays for the characterization of mGluR 1 antagonistic properties are well known in the art. For example, the following procedure can be used.

A CHO-rat mGluR1 cell line is generated using cDNA encoding rat mGluR1 receptor (M. Masu and S. Nakanishi, *Nature* 349:760-765 (1991)). The cDNA encoding rat mGluR1 receptor can be obtained from, *e.g.*, Prof. S. Nakanishi (Kyoto, Japan).

40,000 CHO-rat mGluR1 cells/well are plated into a COSTAR 3409, black, clear bottom, 96 well, tissue culture treated plate (commercially available from Fisher Scientific of Chicago, IL) and are incubated in Dulbecco's Modified Eagle's Medium (DMEM, pH 7.4) supplemented with glutamine, 10% FBS, 1% Pen/Strep, and 500 μg/mL Geneticin for about 12 h. The CHO-rat mGluR1 cells are then washed and treated with OPTIMEM medium (commercially available from Invitrogen, Carlsbad, CA) and incubated for a time period ranging from 1 to 4 hours prior to loading the cells with the dye FLUO-4 (commercially available from Molecular Probes Inc., Eugene, OR). After incubation, the cell plates are washed with loading buffer (127 mM NaCl, 5 mM KCl, 2 mM $MgCl_2$, 700 μM, NaH_2PO_4, 2 mM $CaCl_2$, 5 mM$NaHCO_3$, 8 mM HEPES, and 10 mM glucose, pH 7.4) and incubated with 3 μM FLUO-4 in 0.1 mL loading buffer for 90 min.

The cells are then washed twice with 0.2 mL loading buffer, resuspended in 0.1 mL of loading buffer, and transferred to a Fluorometric Imaging Plate Reader ("FLIPR") (commercially available from Molecular Devices Corp., Sunnyvale, CA) for measurement of calcium mobilization flux in the presence of glutamate and in the presence or absence of a Cyclo(hetero)alkenyl Compound.

To measure calcium mobilization flux, fluoresence is monitored for about 15 s to establish a baseline and DMSO solutions containing various concentrations of a Cyclo(hetero)alkenyl Compound ranging from about 50 μM to about 0.8 nM diluted in loading buffer (0.05 mL of a 4X dilution) are added to the cell plate and fluoresence is monitored for about 2 min. 0.05 mL of a 4X glutamate solution (agonist) is then added to each well to provide a final glutamate concentration in each well of 10 μM and fluoresence is monitored for about 1 additional min. The final DMSO concentration in the assay is 1%. In each experiment fluoresence is monitored as a function of time and the data is analyzed using a non-linear regression to determine the IC_{50} value. In each experiment each data point is determined twice.

5.53 EXAMPLE 53: BINDING OF CYCLO(HETERO)ALKENYL COMPOUNDS TO VR1

Methods for demonstrating a compound's ability to inhibit VR1 are known to those skilled in the art, for example, those methods disclosed in U.S. Patent No. 6,239,267 to Duckworth *et al.*; U.S. Patent No. 6,406,908 to McIntyre *et al.*; or U.S. Patent No. 6,335,180 to Julius *et al.*

Binding of Compound **A77(a)** to VR1: Assay Protocol

Human VR1 cloning. Human spinal cord RNA (commercially available from Clontech, Palo Alto, CA) was used. Reverse transcription was conducted on 1.0 μg total RNA using Thermoscript Reverse Transcriptase (commercially available from Invitrogen, Carlsbad, CA) and oligo dT primers as detailed in its product description. Reverse transcription reactions were incubated at 55°C for 1 h, heat-inactivated at 85°C for 5 min, and RNase H-treated at 37°C for 20 min.

Human VR1 cDNA sequence was obtained by comparison of the human genomic sequence, prior to annotation, to the published rat sequence. Intron sequences were removed and flanking exonic sequences were joined to generate the hypothetical human

cDNA. Primers flanking the coding region of human VR1 were designed as follows: forward primer, AAGATCTTCGCTGGTTGCACACTGGGCCACA; and reverse primer, GAAGATCTTCGGGGACAGTGACGGTTGGATGT.

PCR of VR1 was performed on one tenth of the Reverse transcription reaction mixture using Expand Long Template Polymerase and Expand Buffer 2 in a final volume of 50 μL according to the manufacturer's instructions (Roche Applied Sciences, Indianapolis, IN). After denaturation at 94°C for 2 min PCR amplification was performed for 25 cycles at 94°C for 15 sec, 58°C for 30 sec, and 68°C for 3 min followed by a final incubation at 72°C for 7 min to complete the amplification. A PCR product of ~2.8 kb was gel-isolated using a 1.0% agarose, Tris-Acetate gel containing 1.6 μg/mL of crystal violet and purified with a S.N.A.P. UV-Free Gel Purification Kit (commercially available from Invitrogen). The VR1 PCR product was cloned into the pIND/V5-His-TOPO vector (commercially available from Invitrogen) according to the manufacturer's instructions. DNA preparations, restriction enzyme digestions, and preliminary DNA sequencing were performed according to standard protocols. Full-length sequencing confirmed the identity of the human VR1.

Generation of inducible cell lines. Unless noted otherwise, cell culture reagents were purchased from Life Technologies of Rockville, MD. HEK293-EcR cells expressing the ecdysone receptor (commercially available from Invitrogen) were cultured in Growth Medium (Dulbecco's Modified Eagles Medium containing 10% fetal bovine serum (commercially available from HYCLONE, Logan, UT), lx penicillin/streptomycin, lx glutamine, 1 mM sodium pyruvate and 400 μg/mL Zeocin (commercially available from Invitrogen)). The VR1-pIND constructs were transfected into the HEK293-EcR cell line using Fugene transfection reagent (commercially available from Roche Applied Sciences, Basel, Switzerland). After 48 h, cells were transferred to Selection Medium (Growth Medium containing 300 μg/mL G418 (commercially available from Invitrogen)). Approximately 3 weeks later individual Zeocin/G418 resistant colonies were isolated and expanded. To identify functional clones, multiple colonies were plated into 96-well plates and expression was induced for 48 h using Selection Medium supplemented with 5 μM ponasterone A ("PonA") (commercially available from Invitrogen). On the day of assay, cells were loaded with Fluo-4 (a calcium-sensitive dye that is commercially available from Molecular Probes, Eugene, OR) and CAP-mediated

calcium influx was measured using a FLIPR as described below. Functional clones were re-assayed, expanded, and cryopreserved.

pH-Based Assay. Two days prior to performing this assay, cells were seeded on poly-D-lysine-coated 96-well clear-bottom black plates (commercially available from Becton-Dickinson) at 75,000 cells/well in growth media containing 5 μM PonA (commercially available from Invitrogen) to induce expression. On the day of the assay, the plates were washed with 0.2 mL 1x Hank's Balanced Salt Solution (commercially available from Life Technologies) containing 1.6 mM $CaCl_2$ and 20 mM HEPES, pH 7.4 ("wash buffer"), and loaded using 0.1 mL of wash buffer containing Fluo-4 (3 μM final concentration, commercially available from Molecular Probes). After 1 h, the cells were washed twice with 0.2 mL wash buffer and resuspended in 0.05 mL 1x Hank's Balanced Salt Solution (commercially available from Life Technologies) containing 3.5 mM $CaCl_2$ and 10 mM Citrate, pH 7.4 ("assay buffer"). Plates were then transferred to a FLIPR for assay. Compound **A77(a)** was diluted in assay buffer, and 50 mL of the resultant solution were added to the cell plates and the solution monitored for two minutes. The final concentration of Compound **A77(a)** ranged from about 50 pM to about 3 μM. Agonist buffer (wash buffer titrated with 1N HCl to provide a solution having a pH of 5.5 when mixed 1:1 with assay buffer) (0.1 mL) was then added to each well, and the plates were incubated for 1 additional min. Data were collected over the entire time course and analyzed using Excel and Graph Pad Prism. Compound **A77(a)** when assayed according to this protocol had an IC_{50} of 148.1 nM.

Capsaicin-based Assay. Two days prior to performing this assay, cells were seeded in poly-D-lysine-coated 96-well clear-bottom black plates (50,000 cells/well) in growth media containing 5 μM PonA (commercially available from Invitrogen) to induce expression. On the day of the assay, the plates were washed with 0.2 mL 1x Hank's Balanced Salt Solution (commercially available from Life Technologies) containing 1 mM $CaCl_2$ and 20 mM HEPES, pH 7.4, and cells were loaded using 0.1 mL of wash buffer containing Fluo-4 (3 μM final). After one h, the cells were washed twice with 0.2 mL of wash buffer and resuspended in 0.1 mL of wash buffer. The plates were transferred to a FLIPR for assay. 50 μL of Compound **A77(a)** diluted with assay buffer were added to the cell plates and incubated for 2 min. The final concentration of Compound **A77(a)** ranged from about 50 pM to about 3 μM. Human VR1 was activated

by the addition of 50 μL of capsaicin (400 nM), and the plates were incubated for an additional 3 min. Data were collected over the entire time course and analyzed using Excel and GraphPad Prism. Compound **A77(a)** when assayed according to this protocol had an IC_{50} of 4.4 nM.

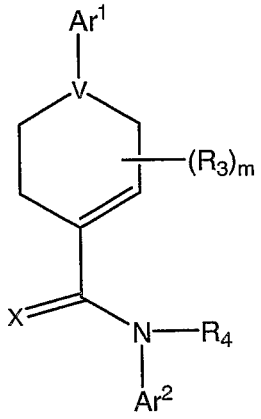
The results of the pH-based assay and the capsaicin-based assay demonstrate that Compound **A77(a)**, an illustrative Cyclo(hetero)alkenyl Compound, binds to and modulates the activity of human VR1 and, accordingly, is useful for treating or preventing pain, UI, an ulcer, IBD or IBS.

The present invention is not to be limited in scope by the specific embodiments disclosed in the examples which are intended as illustrations of a few aspects of the invention and any embodiments that are functionally equivalent are within the scope of this invention. Indeed, various modifications of the invention in addition to those shown and described herein will become apparent to those skilled in the art and are intended to fall within the scope of the appended claims.

A number of references have been cited, the entire disclosures of which are incorporated herein by reference.

What is claimed is:

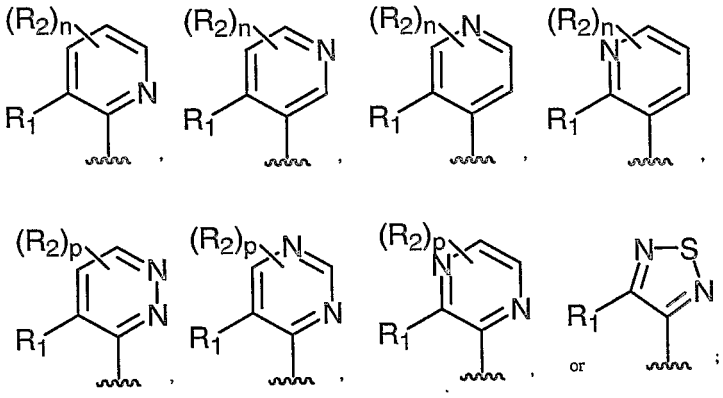
1. A compound of formula:



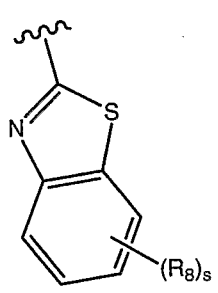
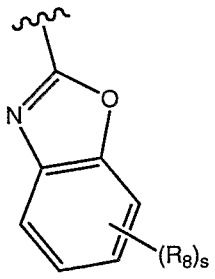
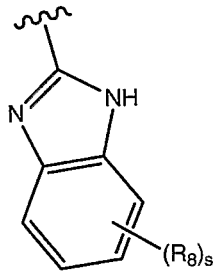
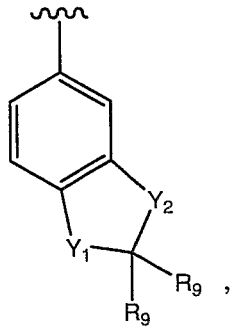
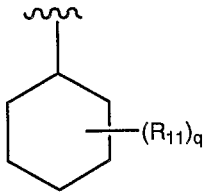
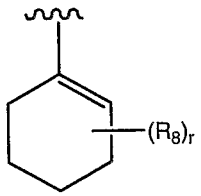
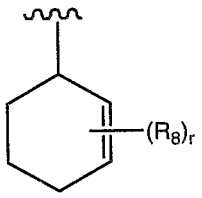
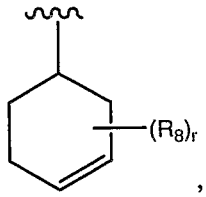
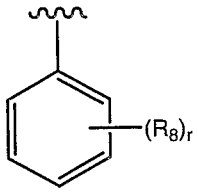
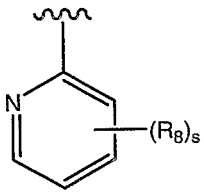
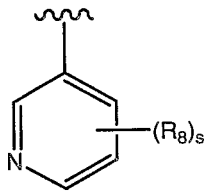
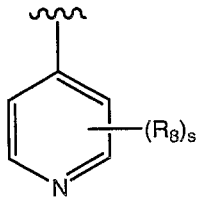
(I)

or a pharmaceutically acceptable salt thereof, wherein

Ar^1 is



Ar^2 is

;

V is N or CH;

X is O or S;

Y_1 and Y_2 are $-CH_2-$ and $-CH_2-$, -O- and -O-, -NH- and -NH-, -S- and -S-, $-CH_2-$ and -O-, $-CH_2-$ and -NH-, $-CH_2-$ and -S-, -O- and $-CH_2-$, -NH- and $-CH_2-$, -S- and $-CH_2-$, -O- and -NH-, -NH- and -O-, -S- and -NH-, or -NH- and -S- respectively;

R_1 is -H, -halo, $-(C_1-C_4)$alkyl, $-NO_2$, -CN, -OH, $-OCH_3$, $-NH_2$, $C(halo)_3$, $-CH(halo)_2$, or $-CH_2(halo)$;

each R_2 is independently:

(a) -halo, -CN, -OH, $-NO_2$, or $-NH_2$,

(b) $-(C_1-C_{10})$alkyl, $-(C_2-C_{10})$alkenyl, $-(C_2-C_{10})$alkynyl, $-(C_3-C_{10})$cycloalkyl, $-(C_8-C_{14})$bicycloalkyl, $-(C_8-C_{14})$tricycloalkyl, $-(C_5-C_{10})$cycloalkenyl, $-(C_8-C_{14})$bicycloalkenyl, $-(C_8-C_{14})$tricycloalkenyl, -(3- to 7-membered)heterocycle, or -(7- to

10-membered)bicycloheterocycle, each of which is unsubstituted or substituted with one or more R_5 groups, or

(c) -phenyl, -naphthyl, -(C_{14})aryl or -(5- to 10-membered)heteroaryl, each of which is unsubstituted or substituted with one or more R_6 groups;

each R_3 is independently:

(a) -halo, -CN, -OH, -NO_2, or -NH_2,

(b) -(C_1-C_{10})alkyl, -(C_2-C_{10})alkenyl, -(C_2-C_{10})alkynyl, -(C_3-C_{10})cycloalkyl, -(C_8-C_{14})bicycloalkyl, -(C_8-C_{14})tricycloalkyl, -(C_5-C_{10})cycloalkenyl, -(C_8-C_{14})bicycloalkenyl, -(C_8-C_{14})tricycloalkenyl, -(3- to 7-membered)heterocycle, or -(7- to 10-membered)bicycloheterocycle, each of which is unsubstituted or substituted with one or more R_5 groups, or

(c) -phenyl, -naphthyl, -(C_{14})aryl or -(5- to 10-membered) heteroaryl, each of which is unsubstituted or substituted with one or more R_6 groups;

R_4 is -H or -(C_1-C_6)alkyl;

each R_5 is independently -CN, -OH, -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -halo, -N_3, -NO_2, -$N(R_7)_2$, -CH=NR_7, -NR_7OH, -OR_7, -COR_7, -C(O)OR_7, -OC(O)R_7, -OC(O)OR_7, -SR_7, -S(O)R_7, or -$S(O)_2R_7$;

each R_6 is independently -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3–C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -(3- to 5-membered)heterocycle, -C(halo)$_3$, -CH(halo)$_2$, -CH_2(halo), -CN, -OH, -halo, -N_3, -NO_2, -$N(R_7)_2$, -CH=NR_7, -NR_7OH, -OR_7, -COR_7, -C(O)OR_7, -OC(O)R_7, -OC(O)OR_7, -SR_7, -S(O)R_7, or -$S(O)_2R_7$;

each R_7 is independently -H, -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3–C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -(3- to 5-membered)heterocycle, -C(halo)$_3$, -CH(halo)$_2$, or CH_2(halo);

each R_8 is independently -(C_1–C_{10})alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3-C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -C(halo)$_3$, -CH(halo)$_2$, -CH_2(halo), -CN, -OH, -halo, -N_3, -NO_2, -$N(R_7)_2$, -CH=NR_7, -NR_7OH, -OR_7, -COR_7, -C(O)OR_7, -OC(O)R_7, -OC(O)OR_7, -SR_7, -S(O)R_7, -$S(O)_2R_7$, -R_7OR_7, -R_7COR_7, -R_7C(O)OR_7, -R_7OC(O)R_7, -R_7OC(O)OR_7, -R_7SR_7, -R_7S(O)R_7, -$R_7S(O)_2R_7$, -C(halo)$_2$C(halo)$_3$, -C(halo)$_2$CH(halo)$_2$, -CH(C(halo)$_3$)$_2$, -CH(C(halo)$_3$)(CH_3), -OC(halo)$_2$C(halo)$_3$,

-OC(halo)$_2$CH(halo)$_2$, -OCH(C(halo)$_3$)$_2$, -OCH(C(halo)$_3$)(CH$_3$), -C(OH)(CF$_3$)$_2$, -(C$_1$–C$_{10}$)alkyl, or -(3- to 7-membered)heterocycle;

each R_9 is independently -H, -halo or -(C$_1$–C$_6$)alkyl;

each R_{11} is independently -CN, -OH, -(C$_1$–C$_6$)alkyl, -(C$_2$–C$_6$)alkenyl, -(C$_2$–C$_6$)alkynyl, -halo, -N$_3$, -NO$_2$, -N(R_7)$_2$, -CH=NR_7, -NR_7OH, -OR_7, -COR_7, -C(O)OR_7, -OC(O)R_7, or -OC(O)OR_7;

each halo is independently -F, -Cl, -Br, or -I;

m is 0 or 1 and when m is 1, R_3 is attached to the 2-, 3-, 5-, or 6-position of the cyclo(hetero)alkenyl ring;

n is an integer ranging from 0 to 3;

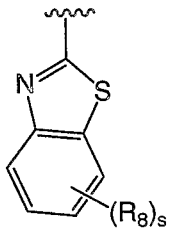
p is an integer ranging from 0 to 2;

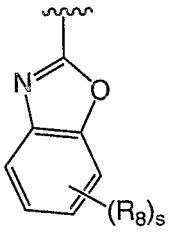
q is an integer ranging from 0 to 6;

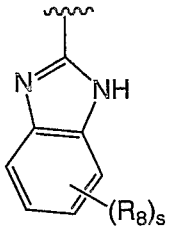
r is an integer ranging from 0 to 5; and

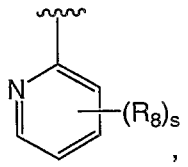
s is an integer ranging from 0 to 4.

2. The compound of claim 1, wherein Ar^2 is

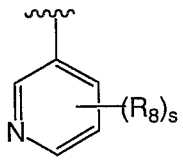


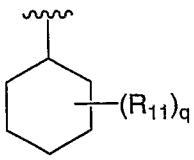
,


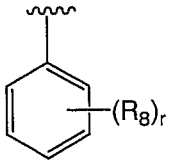
,


,


,

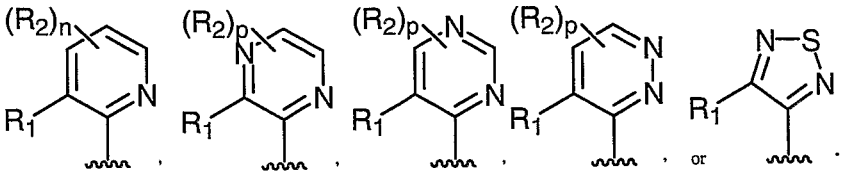


,


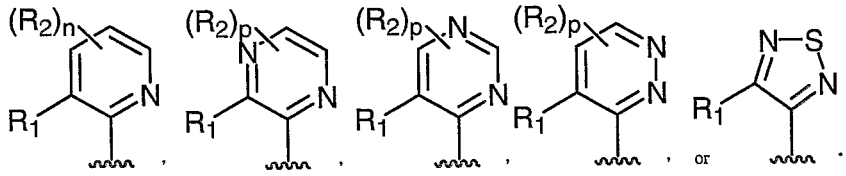
, or


.

3. The compound of claim 1, wherein Ar^1 is



4. The compound of claim 2, wherein Ar^1 is



5. The compound of claim 1, wherein each R_8 is independently -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3-C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -C(halo)$_3$, -CH(halo)$_2$, -CH_2(halo), -CN, -OH, -halo, -N_3, -NO_2, -N(R_7)$_2$, -CH=NR_7, -NR_7OH, -OR_7, -C(O)OR_7, -OC(O)R_7, -OC(O)OR_7, -SR_7, -S(O)R_7, or -S(O)$_2$$R_7$.

6. The compound of claim 2, wherein each R_8 is independently -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3-C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -C(halo)$_3$, -CH(halo)$_2$, -CH_2(halo), -CN, -OH, -halo, -N_3, -NO_2, -N(R_7)$_2$, -CH=NR_7, -NR_7OH, -OR_7, -C(O)OR_7, -OC(O)R_7, -OC(O)OR_7, -SR_7, -S(O)R_7, or -S(O)$_2$$R_7$.

7. The compound of claim 3, wherein each R_8 is independently -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3-C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -C(halo)$_3$, -CH(halo)$_2$, -CH_2(halo), -CN, -OH, -halo, -N_3, -NO_2, -N(R_7)$_2$, -CH=NR_7, -NR_7OH, -OR_7, -C(O)OR_7, -OC(O)R_7, -OC(O)OR_7, -SR_7, -S(O)R_7, or -S(O)$_2$$R_7$.

8. The compound of claim 4, wherein R_4 is -H; R_1 is -H, -halo, -CH_3, -NO_2, -CN, -OH, -OCH_3, -NH_2, -C(halo)$_3$, -CH(halo)$_2$, or -CH_2(halo); and each R_8 is independently -(C_1–C_6)alkyl, -(C_2–C_6)alkenyl, -(C_2–C_6)alkynyl, -(C_3-C_8)cycloalkyl, -(C_5–C_8)cycloalkenyl, -phenyl, -C(halo)$_3$, -CH(halo)$_2$, -CH_2(halo), -CN, -OH, -halo, -N_3, -NO_2, -N(R_7)$_2$, -CH=NR_7, -NR_7OH, -OR_7, -C(O)OR_7, -OC(O)R_7, -OC(O)OR_7, -SR_7, -S(O)R_7, or -S(O)$_2$$R_7$.

9. The compound of claim 1, wherein V is N.

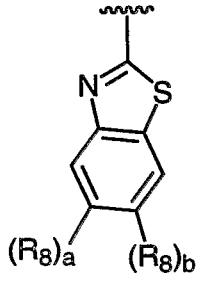
10. The compound of claim 9, wherein m is 0.

11. The compound of claim 10, wherein n is 0, and Ar^1 is a pyridyl group.

12. The compound of claim 11, wherein R_1 is -Cl or $-CH_3$.

13. The compound of claim 12, wherein R_1 is -Cl.

14. The compound of claim 13, wherein Ar^2 is



15. The compound of claim 14, wherein $(R_8)_a$ and $(R_8)_b$ are each -H.

16. The compound of claim 14, wherein $(R_8)_a$ is -H and $(R_8)_b$ is $-(C_1\text{-}C_6)$alkyl or -halo.

17. The compound of claim 16, wherein $(R_8)_b$ is an *iso*-propyl group.

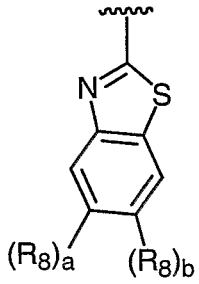
18. The compound of claim 16, wherein $(R_8)_b$ is a *tert*-butyl group.

19. The compound of claim 16, wherein $(R_8)_b$ is -halo.

20. The compound of claim 19, wherein $(R_8)_b$ is -F.

21. The compound of claim 12, wherein R_1 is $-CH_3$.

22. The compound of claim 21, wherein Ar^2 is



23. The compound of claim 22, wherein $(R_8)_a$ and $(R_8)_b$ are each -H.

24. The compound of claim 22, wherein $(R_8)_a$ is -H and $(R_8)_b$ is -$(C_1$-$C_6)$alkyl or -halo.

25. The compound of claim 24, wherein $(R_8)_b$ is an *iso*-propyl group.

26. The compound of claim 24, wherein $(R_8)_b$ is a *tert*-butyl group.

27. The compound of claim 24, wherein $(R_8)_b$ is -halo.

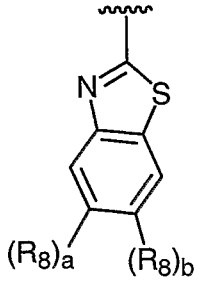
28. The compound of claim 27, wherein $(R_8)_b$ is -F.

29. The compound of claim 9, wherein n is 0, m is 1, R_3 is -CH_3, and Ar^1 is a pyridyl group.

30. The compound of claim 29, wherein R_1 is -Cl or -CH_3.

31. The compound of claim 30, wherein R_1 is -Cl.

32. The compound of claim 31, wherein Ar^2 is



33. The compound of claim 32, wherein $(R_8)_a$ and $(R_8)_b$ are each -H.

34. The compound of claim 32, wherein $(R_8)_a$ is -H and $(R_8)_b$ is -$(C_1$-$C_6)$alkyl or -halo.

35. The compound of claim 34, wherein $(R_8)_b$ is an *iso*-propyl group.

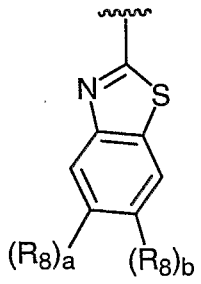
36. The compound of claim 34, wherein $(R_8)_b$ is a *tert*-butyl group.

37. The compound of claim 34, wherein $(R_8)_b$ is -halo.

38. The compound of claim 37, wherein $(R_8)_b$ is -F.

39. The compound of claim 30, wherein R_1 is -CH_3.

40. The compound of claim 39, wherein Ar^2 is



41. The compound of claim 40, wherein $(R_8)_a$ and $(R_8)_b$ are each -H.

42. The compound of claim 40, wherein $(R_8)_a$ is -H and $(R_8)_b$ is -$(C_1$-$C_6)$alkyl or -halo.

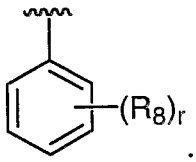
43. The compound of claim 42, wherein $(R_8)_b$ is an *iso*-propyl group.

44. The compound of claim 42, wherein $(R_8)_b$ is a *tert*-butyl group.

45. The compound of claim 42, wherein $(R_8)_b$ is -halo.

46. The compound of claim 45, wherein $(R_8)_b$ is -F.

47. The compound of claim 13, wherein Ar^2 is



48. The compound of claim 47, wherein r is 1 and R_8 is -halo or a -$(C_1$-$C_6)$alkyl.

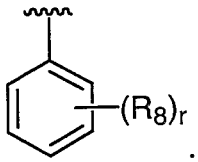
49. The compound of claim 48, wherein the Ar^2 is substituted in the 4-position.

50. The compound of claim 49, wherein the -$(C_1$-$C_6)$alkyl group is a *tert*-butyl group.

51. The compound of claim 49, wherein R_8 is -halo.

52. The compound of claim 51, wherein R_8 is -F.

53. The compound of claim 21, wherein Ar^2 is



54. The compound of claim 53, wherein r is 1 and R_8 is -halo or a -(C_1-C_6)alkyl.

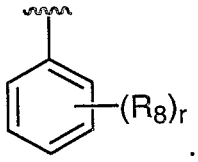
55. The compound of claim 54, wherein the Ar^2 is substituted in the 4-position.

56. The compound of claim 55, wherein the -(C_1-C_6)alkyl group is a *tert*-butyl group.

57. The compound of claim 55, wherein R_8 is -halo.

58. The compound of claim 57, wherein R_8 is -F.

59. The compound of claim 31, wherein Ar^2 is



60. The compound of claim 59, wherein r is 1 and R_8 is -halo or a -(C_1-C_6)alkyl.

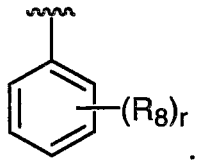
61. The compound of claim 60, wherein the Ar^2 is substituted in the 4-position.

62. The compound of claim 61, wherein the -(C_1-C_6)alkyl group is a *tert*-butyl group.

63. The compound of claim 61, wherein R_8 is -halo.

64. The compound of claim 63, wherein R_8 is -F.

65. The compound of claim 39, wherein Ar^2 is



66. The compound of claim 65, wherein r is 1 and R_8 is -halo or a -(C_1-C_6)alkyl.

67. The compound of claim 66, wherein the Ar^2 is substituted in the 4-position.

68. The compound of claim 67, wherein the -(C_1-C_6)alkyl group is a *tert*-butyl group.

69. The compound of claim 67, wherein R_8 is -halo.

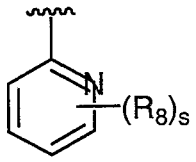
70. The compound of claim 69, wherein R_8 is -F.

71. The compound of claim 11, wherein R_1 is -halo.

72. The compound of claim 71, wherein R_1 is -Cl or -F.

73. The compound of claim 72, wherein R_1 is -F.

74. The compound of claim 73, wherein Ar^2 is



75. The compound of claim 74, wherein s is 1 and R_8 is -C(halo)$_3$, -CH(halo)$_2$, -CH$_2$(halo), -halo, -C(halo)$_2$C(halo)$_3$, -C(halo)$_2$CH(halo)$_2$, -CH(C(halo)$_3$)$_2$, -CH(C(halo)$_3$)(CH$_3$), -OC(halo)$_2$C(halo)$_3$, -OC(halo)$_2$CH(halo)$_2$, -OCH(C(halo)$_3$)$_2$, or -OCH(C(halo)$_3$)(CH$_3$).

76. The compound of claim 75, wherein the Ar^2 is substituted in the 5-position.

77. The compound of claim 76, wherein R_8 is -F.

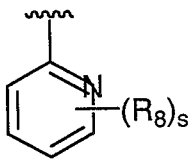
78. The compound of claim 76, wherein R_8 is -Cl.

79. The compound of claim 76, wherein R_8 is -CF$_3$.

80. The compound of claim 76, wherein R_8 is -CF$_2$CF$_3$.

81. The compound of claim 72, wherein R_1 is -Cl.

82. The compound of claim 81, wherein Ar^2 is



83. The compound of claim 82, wherein s is 1 and R_8 is -C(halo)$_3$, -CH(halo)$_2$, -CH$_2$(halo), -halo, -C(halo)$_2$C(halo)$_3$, -C(halo)$_2$CH(halo)$_2$, -CH(C(halo)$_3$)$_2$, -CH(C(halo)$_3$)(CH$_3$), -OC(halo)$_2$C(halo)$_3$, -OC(halo)$_2$CH(halo)$_2$, -OCH(C(halo)$_3$)$_2$, or -OCH(C(halo)$_3$)(CH$_3$).

84. The compound of claim 83, wherein the Ar^2 is substituted in the 5-position.

85. The compound of claim 84, wherein R_8 is -F.

86. The compound of claim 84, wherein R_8 is -Cl.

87. The compound of claim 84, wherein R_8 is $-CF_3$.

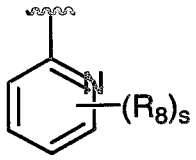
88. The compound of claim 84, wherein R_8 is $-CF_2CF_3$.

89. The compound of claim 29, wherein R_1 is -halo.

90. The compound of claim 89, wherein R_1 is -Cl or -F.

91. The compound of claim 90, wherein R_1 is -F.

92. The compound of claim 91, wherein Ar^2 is



.

93. The compound of claim 92, wherein s is 1 and R_8 is $-C(halo)_3$, $-CH(halo)_2$, $-CH_2(halo)$, -halo, $-C(halo)_2C(halo)_3$, $-C(halo)_2CH(halo)_2$, $-CH(C(halo)_3)_2$, $-CH(C(halo)_3)(CH_3)$, $-OC(halo)_2C(halo)_3$, $-OC(halo)_2CH(halo)_2$, $-OCH(C(halo)_3)_2$, or $-OCH(C(halo)_3)(CH_3)$.

94. The compound of claim 93, wherein the Ar^2 is substituted in the 5-position.

95. The compound of claim 94, wherein R_8 is -F.

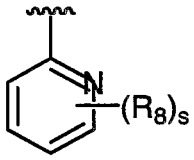
96. The compound of claim 94, wherein R_8 is -Cl.

97. The compound of claim 94, wherein R_8 is $-CF_3$.

98. The compound of claim 94, wherein R_8 is $-CF_2CF_3$.

99. The compound of claim 90, wherein R_1 is -Cl.

100. The compound of claim 99, wherein Ar^2 is



.

101. The compound of claim 100, wherein s is 1 and R_8 is $-C(halo)_3$, $-CH(halo)_2$, $-CH_2(halo)$, -halo, $-C(halo)_2C(halo)_3$, $-C(halo)_2CH(halo)_2$, $-CH(C(halo)_3)_2$, $-CH(C(halo)_3)(CH_3)$, $-OC(halo)_2C(halo)_3$, $-OC(halo)_2CH(halo)_2$, $-OCH(C(halo)_3)_2$, or $-OCH(C(halo)_3)(CH_3)$.

102. The compound of claim 101, wherein the Ar^2 is substituted in the 5-position.

103. The compound of claim 102, wherein R_8 is -F.

104. The compound of claim 102, wherein R_8 is -Cl.

105. The compound of claim 102, wherein R_8 is $-CF_3$.

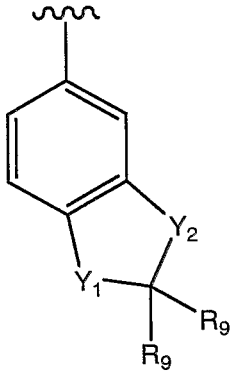
106. The compound of claim 102, wherein R_8 is $-CF_2CF_3$.

107. The compound of claim 11, wherein R_1 is -halo.

108. The compound of claim 107, wherein R_1 is -Cl or -F.

109. The compound of claim 108, wherein R_1 is -F.

110. The compound of claim 109, wherein Ar^2 is



111. The compound of claim 110, wherein Y_1 and Y_2 are $-CH_2-$ and $-CH_2-$, -O- and -O-, -NH- and -NH-, -S- and -S-, $-CH_2-$ and -O-, -O- and $-CH_2-$, $-CH_2-$ and -NH-, -NH- and $-CH_2-$, $-CH_2-$ and -S-, or -S- and $-CH_2-$ respectively.

112. The compound of claim 111, wherein Y_1 and Y_2 are $-CH_2-$ and $-CH_2-$, -O- and -O-, or -S- and -S- respectively.

113. The compound of claim 112, wherein each of Y_1 and Y_2 is -O-.

114. The compound of claim 111, wherein each R_9 is independently -H or -halo.

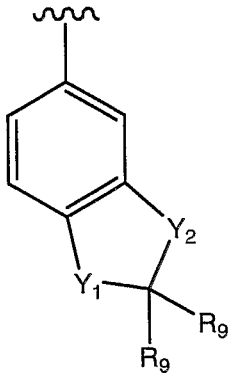
115. The compound of claim 113, wherein each R_9 is independently -H or -halo.

116. The compound of claim 115, wherein one R_9 is -F.

117. The compound of claim 115, wherein each R_9 is -F.

118. The compound of claim 108, wherein R_1 is -Cl.

119. The compound of claim 118, wherein Ar^2 is



120. The compound of claim 119, wherein Y_1 and Y_2 are $-CH_2-$ and $-CH_2-$, -O- and -O-, -NH- and -NH-, -S- and -S-, $-CH_2-$ and -O-, -O- and $-CH_2-$, $-CH_2-$ and -NH-, -NH- and $-CH_2-$, $-CH_2-$ and -S-, or -S- and $-CH_2-$ respectively.

121. The compound of claim 120, wherein Y_1 and Y_2 are $-CH_2-$ and $-CH_2-$, -O- and -O-, or -S- and -S- respectively.

122. The compound of claim 121, wherein each of Y_1 and Y_2 is -O-.

123. The compound of claim 120, wherein each R_9 is independently -H or -halo.

124. The compound of claim 122, wherein each R_9 is independently -H or -halo.

125. The compound of claim 124, wherein one R_9 is -F.

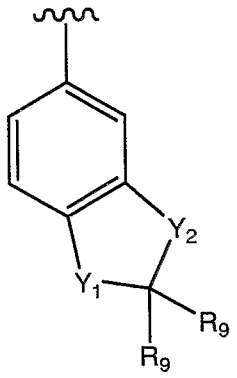
126. The compound of claim 124, wherein each R_9 is -F.

127. The compound of claim 29, wherein R_1 is -halo.

128. The compound of claim 127, wherein R_1 is -Cl or -F.

129. The compound of claim 128, wherein R_1 is -F.

130. The compound of claim 129, wherein Ar^2 is



131. The compound of claim 130, wherein Y_1 and Y_2 are $-CH_2-$ and $-CH_2-$, -O- and -O-, -NH- and -NH-, -S- and -S-, $-CH_2-$ and -O-, -O- and $-CH_2-$, $-CH_2-$ and -NH-, -NH- and $-CH_2-$, $-CH_2-$ and -S-, or -S- and $-CH_2-$ respectively.

132. The compound of claim 131, wherein Y_1 and Y_2 are $-CH_2-$ and $-CH_2-$, -O- and -O-, or -S- and -S- respectively.

133. The compound of claim 132, wherein each of Y_1 and Y_2 is -O-.

134. The compound of claim 131, wherein each R_9 is independently -H or -halo.

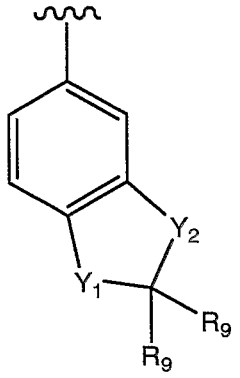
135. The compound of claim 133, wherein each R_9 is independently -H or -halo.

136. The compound of claim 135, wherein one R_9 is -F.

137. The compound of claim 135, wherein each R_9 is -F.

138. The compound of claim 128, wherein R_1 is -Cl.

139. The compound of claim 138, wherein Ar^2 is



140. The compound of claim 139, wherein Y_1 and Y_2 are $-CH_2-$ and $-CH_2-$, -O- and -O-, -NH- and -NH-, -S- and -S-, $-CH_2-$ and -O-, -O- and $-CH_2-$, $-CH_2-$ and -NH-, -NH- and $-CH_2-$, $-CH_2-$ and -S-, or -S- and $-CH_2-$ respectively.

141. The compound of claim 140, wherein Y_1 and Y_2 are $-CH_2-$ and $-CH_2-$, -O- and -O-, or -S- and -S- respectively.

142. The compound of claim 141, wherein each of Y_1 and Y_2 is -O-.

143. The compound of claim 140, wherein each R_9 is independently -H or -halo.

144. The compound of claim 142, wherein each R_9 is independently -H or -halo.

145. The compound of claim 144, wherein one R_9 is -F.

146. The compound of claim 144, wherein each R_9 is -F.

147. A composition comprising the compound or a pharmaceutically acceptable salt of the compound of claim 1 and a pharmaceutically acceptable acceptable carrier or excipient.

148. A composition comprising the compound or a pharmaceutically acceptable salt of the compound of claim 8 and a pharmaceutically acceptable acceptable carrier or excipient.

149. A method for treating pain in an animal, comprising administering to an animal in need thereof an effective amount of the compound or a pharmaceutically acceptable salt of the compound of claim 1.

150. A method for treating pain in an animal, comprising administering to an animal in need thereof an effective amount of the compound or a pharmaceutically acceptable salt of the compound of claim 8.

151. A method for treating urinary incontinence, an ulcer, irritable-bowel syndrome or inflammatory-bowel disease in an animal, comprising administering to an animal in need thereof an effective amount of the compound or a pharmaceutically acceptable salt of the compound of claim 1.

152. A method for treating urinary incontinence, an ulcer, irritable-bowel syndrome or inflammatory-bowel disease in an animal, comprising administering to an animal in need thereof an effective amount of the compound or a pharmaceutically acceptable salt of the compound of claim 8.

153. A method for inhibiting VR1 function in a cell, comprising contacting a cell capable of expressing VR1 with an effective amount of the compound or a pharmaceutically acceptable salt of the compound of claim 1.

154. A method for inhibiting VR1 function in a cell, comprising contacting a cell capable of expressing VR1 with an effective amount of the compound or a pharmaceutically acceptable salt of the compound of claim 8.

155. A method for making the cyclo(hetero)alkenyl compound of claim 9, comprising allowing a 1-heteroaromatic-1,2,3,6-tetrahydro-pyridine-4-carboxylic acid compound to react with a compound of formula Ar^2-NHR_4 to provide the cyclo(hetero)alkenyl compound.

156. A method for making the cyclo(hetero)alkenyl compound of claim 9, comprising allowing a 1,2,3,6-tetrahydro-pyridine-4-carboxylic acid amide compound to react with a compound of formula Ar^1-Z to provide the cyclo(hetero)alkenyl compound; wherein Z is Cl, Br or I.