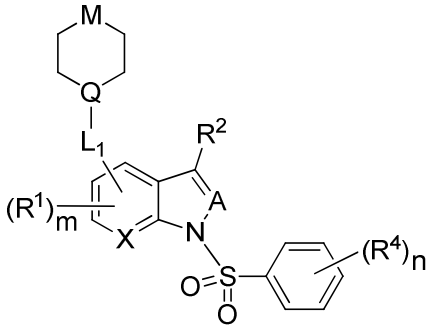
What is claimed is:

1. A compound having Formula (II), or a stereoisomer, a tautomer, an *N*-oxide, a solvate or a pharmaceutically acceptable salt thereof,



(II),

wherein

m is 0, 1 or 2;

n is 0, 1, 2, 3 or 4;

A is CR^3;

X is CR^1;

Q is CH or N;

M is $-NR^7$;

L_1 is a bond, -NH-or $-CH_2-$;

each R^1 is independently H, D, F, Cl, Br, I, -CN, $-NO_2$, -OH, $-NH_2$, methyl, ethyl, $-CHF_2$ or $-CF_3$;

R^2 is $-CHF_2$;

R^3 is H;

each R^4 is independently H, D, F, Cl, Br, I, -CN, C_{1-4} alkyl, C_{2-4} alkenyl, C_{2-4} alkynyl, C_{1-4} haloalkyl, C_{1-4} alkoxy or C_{1-4} haloalkoxy; or two R^4, together with the adjacent ring carbon atoms to which they are attached, form a substituted or unsubstituted benzene ring; and

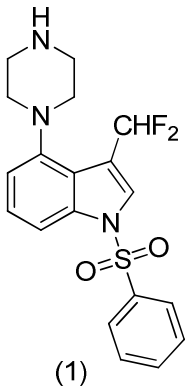
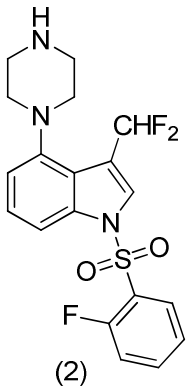
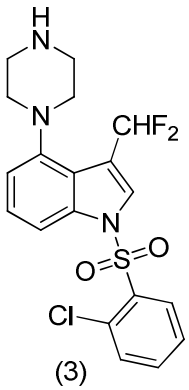
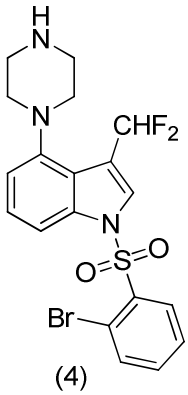
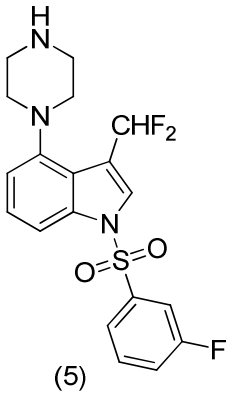
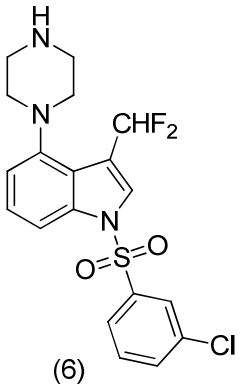
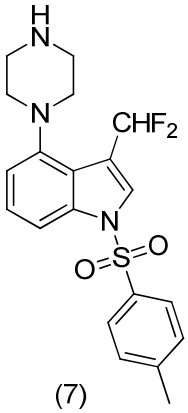
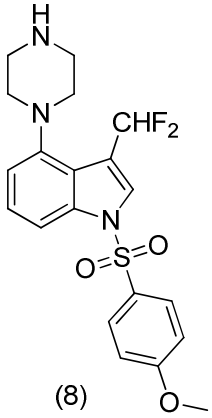
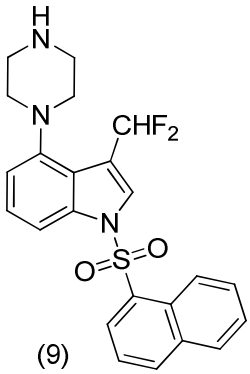
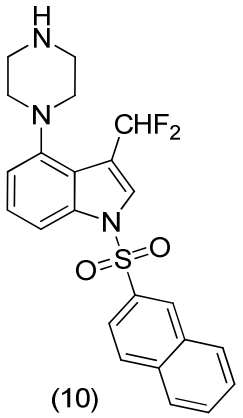
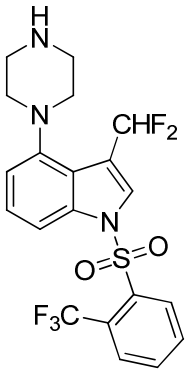
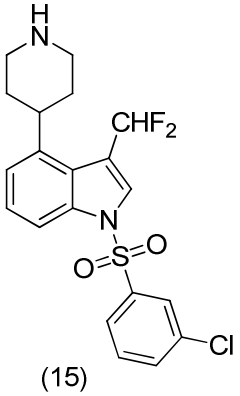
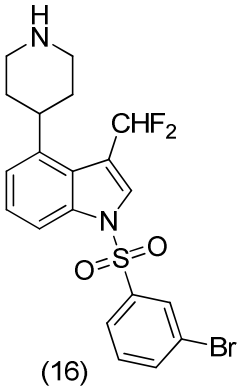
each R^7 is independently H, D, F, Cl, Br, I, -CN, C_{1-4} alkyl, C_{1-4} haloalkyl, C_{3-6} cycloalkyl or 3- to 6-membered heterocyclyl.

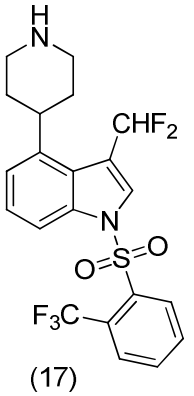
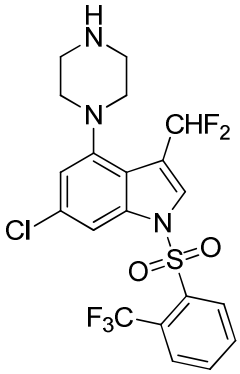
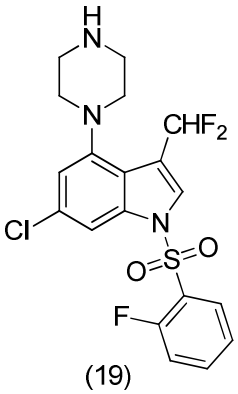
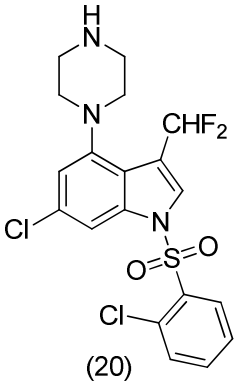
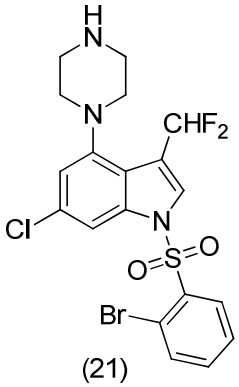
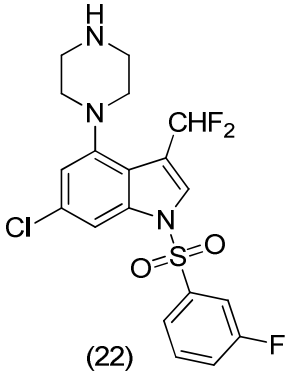
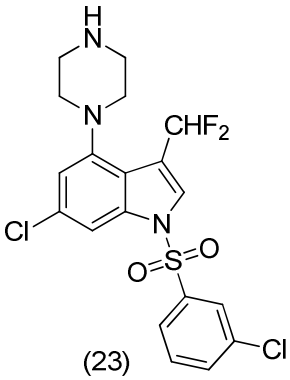
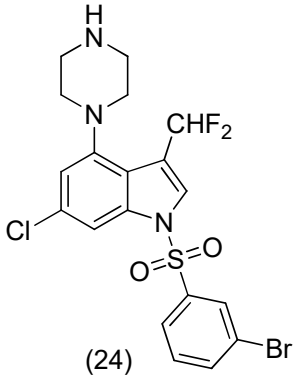
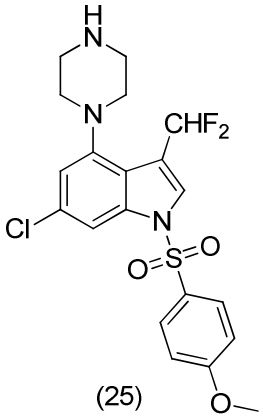
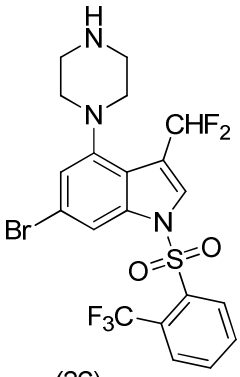
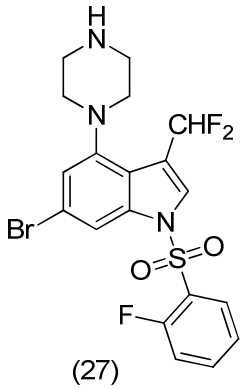
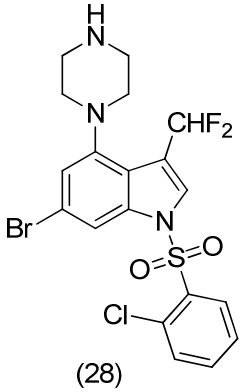
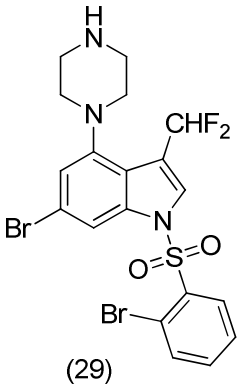
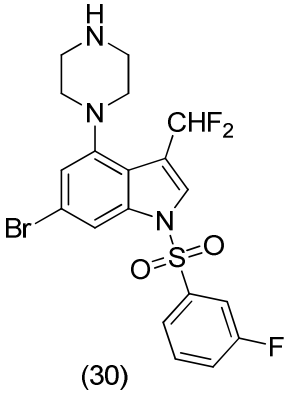
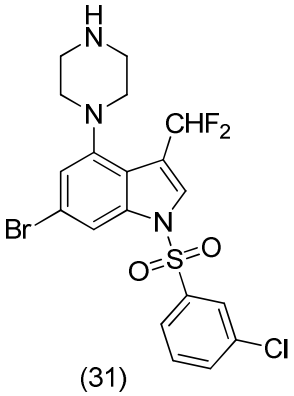
2. The compound according to claim 1, wherein each R^4 is independently H, D, F, Cl, Br, I, -CN, methyl, ethyl, *n*-propyl, *i*-propyl, *n*-butyl, *i*-butyl, *t*-butyl, $-CH_2F$, $-CHF_2$, $-CF_3$, $-CH_2CHF_2$, $-CH_2CF_3$, $-CHFCF_3$, $-CF_2CHF_2$, $-CF_2CF_3$, methoxy, ethoxy, *n*-propoxy, *i*-propoxy, *n*-butoxy, *i*-butoxy, *t*-butoxy, $-OCHF_2$, $-OCF_3$ or $-OCH_2CF_3$; or two R^4, together with the adjacent ring carbon atoms to which they are attached, form a substituted or unsubstituted benzene ring, or a stereoisomer, a tautomer, an *N*-oxide, a

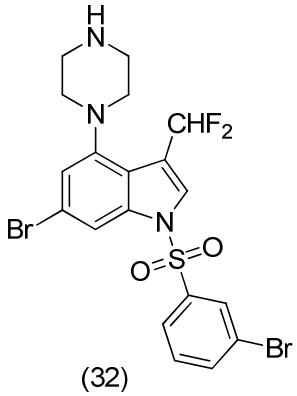
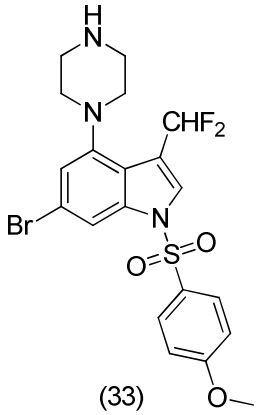
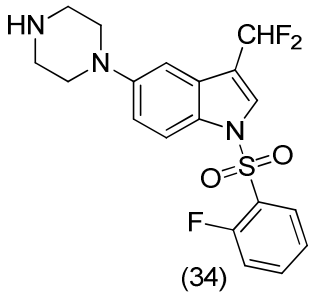
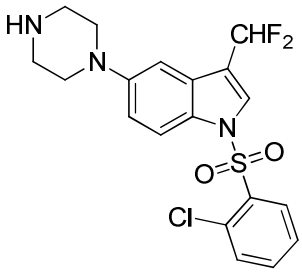
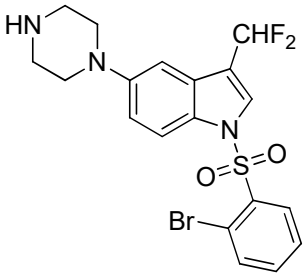
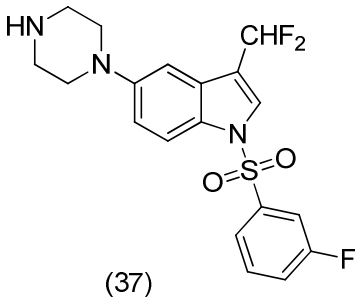
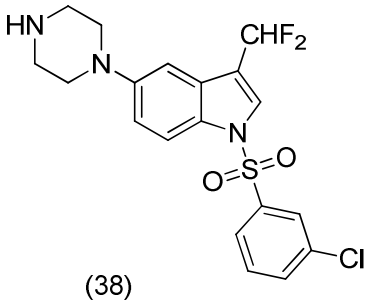
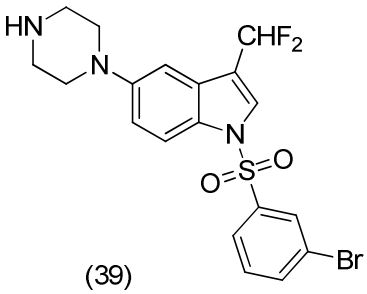
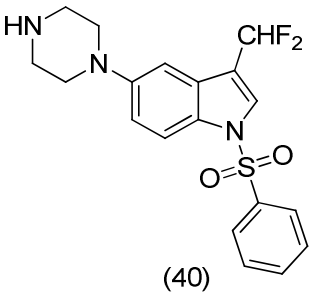
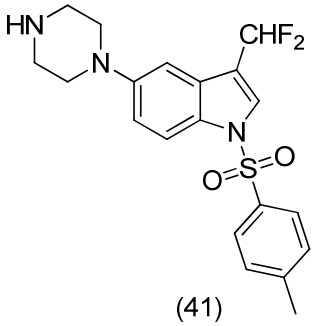
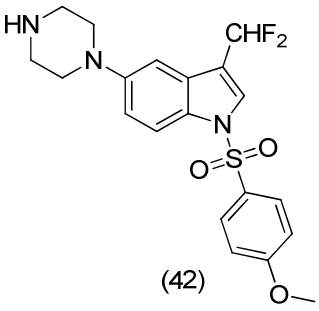
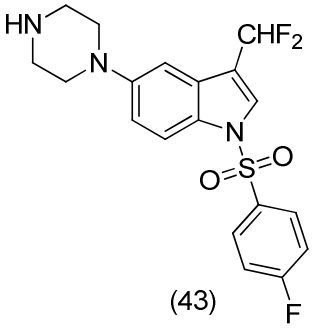
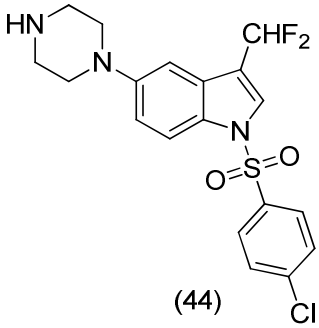
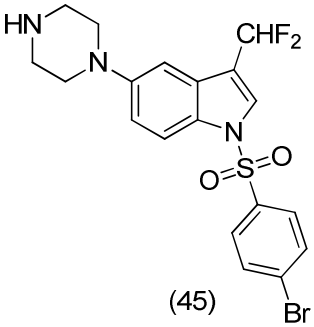
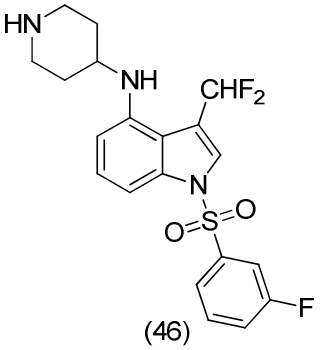
solvate or a pharmaceutically acceptable salt thereof.

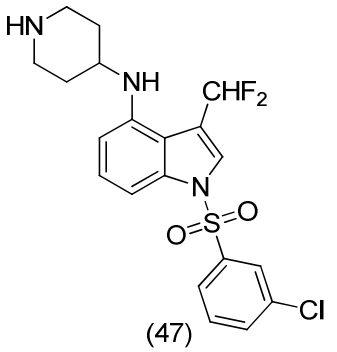
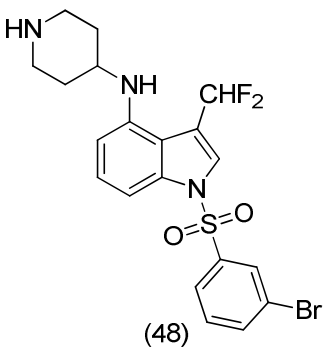
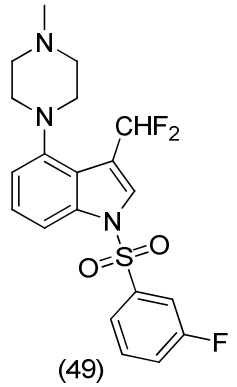
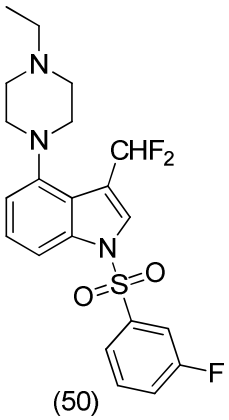
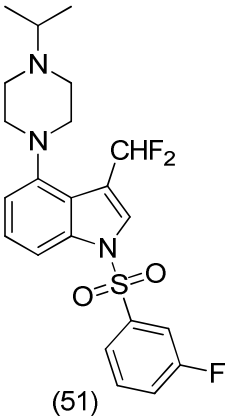
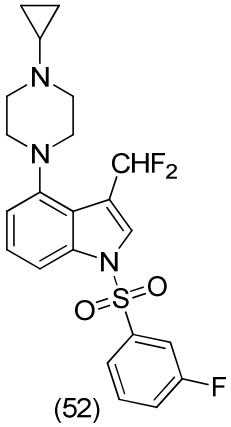
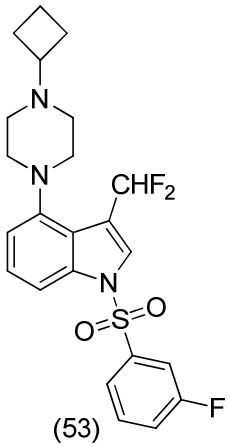
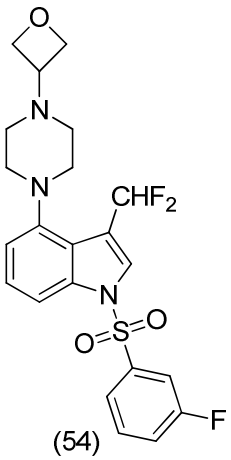
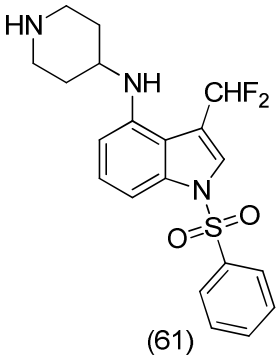
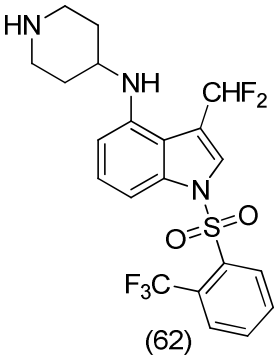
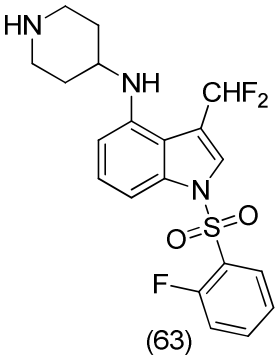
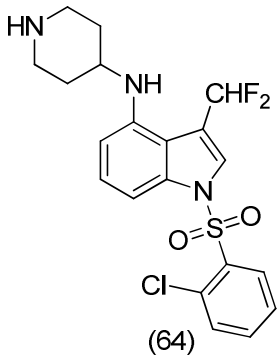
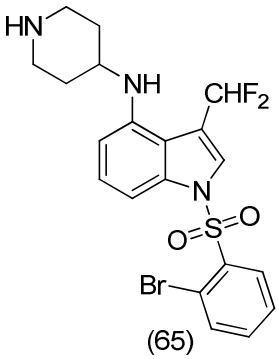
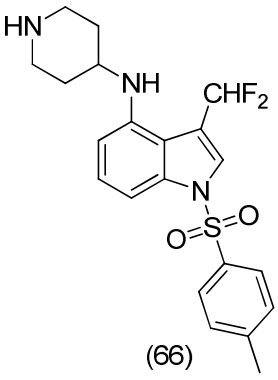
3. The compound according to claim 1 or claim 2, wherein each R^7 is independently H, D, methyl, ethyl, *n*-propyl, *i*-propyl, *n*-butyl, *i*-butyl, *t*-butyl, cyclopropyl, cyclobutyl, cyclopentyl, azetidinyl, oxetanyl, thietanyl, pyrrolidyl or tetrahydrofuryl, or a stereoisomer, a tautomer, an *N*-oxide, a solvate or a pharmaceutically acceptable salt thereof.

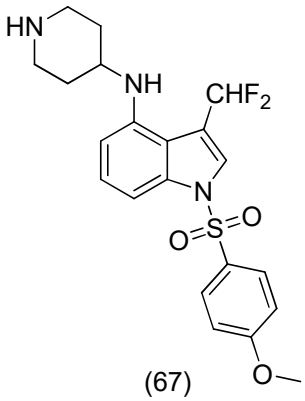
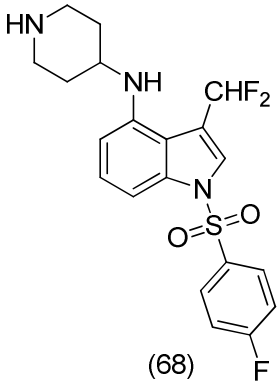
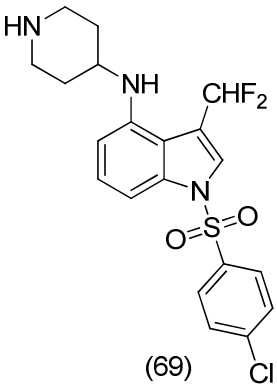
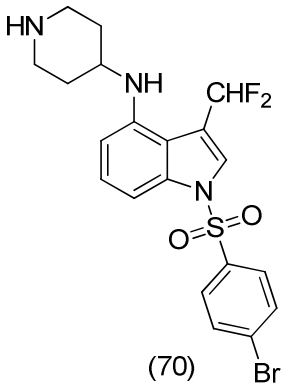
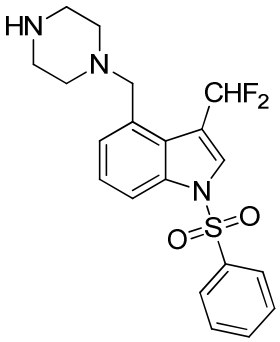
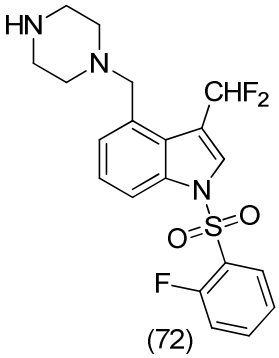
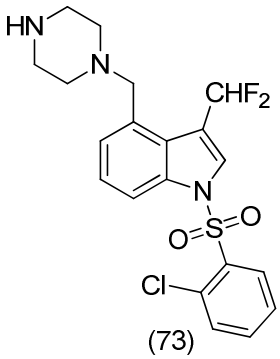
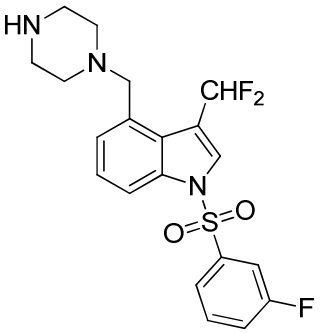
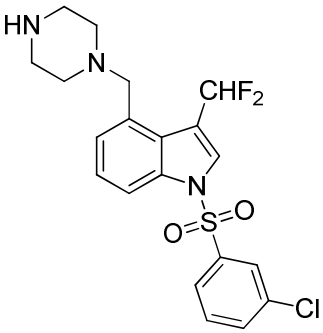
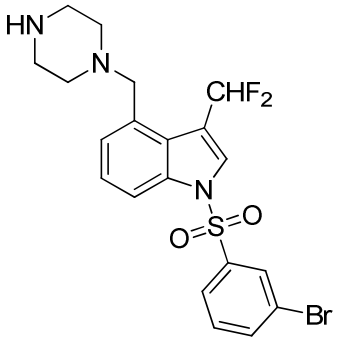
4. The compound according to any one of claims 1-3 having one of the following structures, or a stereoisomer, a tautomer, an *N*-oxide, a solvate or a pharmaceutically acceptable salt thereof,


(1),

(2),

(3),

(4),

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(6),

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(67) ,

(68) ,

(69) ,

(70) ,

(71) ,

(72) ,

(73) ,

(74) ,

(75) , or

(76) .

5. A pharmaceutical composition comprising the compound according to any one of claims 1-4, or a stereoisomer, a tautomer, an *N*-oxide, a solvate or a pharmaceutically acceptable salt thereof, and further comprising a pharmaceutically acceptable carrier, excipient, diluent, adjuvant, vehicle or a combination thereof.

6. The pharmaceutical composition according to claim 5 further comprising an

additional therapeutic agent used for treating Alzheimer's disease, neuropathy or a combination thereof.

7. The pharmaceutical composition according to claim 6, wherein the additional therapeutic agent is donepezil, nalmefene, risperidone, Vitamin E, SAM-760, AVN-211, AVN-101, RP-5063, tozadenant, PRX-3140, PRX-8066, RVT-101, naluzaton, idalopirdine, tacrine, rivastigmine, galantamine, memantine, mirtazapine, venlafaxine, desipramine, nortriptyline, zolpidem, zopiclone, nicergoline, piracetam, selegiline, pentoxifylline or a combination thereof.

8. Use of the compound according to any one of claims 1-4, or a stereoisomer, a tautomer, an *N*-oxide, a solvate or a pharmaceutically acceptable salt thereof, or the pharmaceutical composition according to any one of claims 5-7 in the manufacture of a medicament for preventing, treating or lessening a 5-HT_6 receptor-mediated disease;

wherein the 5-HT_6 receptor-mediated disease is a central nervous system disorder, a gastrointestinal disorder or obesity.

9. The use according to claim 8, wherein the central nervous system disorder is an attention deficit hyperactivity disorder, anxiety, a stress-related disorder, schizophrenia, an obsessive-compulsive disorder, manic depression, a neurological disorder, a memory disorder, an attention deficit disorder, Parkinson's disease, amyotrophic lateral sclerosis, Alzheimer's disease or Huntington's chorea.