Sigma Receptor

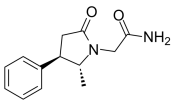
Sigma receptors (subtypes sigma-1 and sigma-2) are a unique class of binding sites expressed throughout the mammalian body. The endogenous ligand for these sites has not been identified, but steroid hormones (particularly progesterone), sphingolipid-derived amines and N,N-dimethyltryptamine can bind with fairly high affinity.

The sigma-1 receptor (σ1R) is an endoplasmic reticulum (ER)-resident chaperone protein that acts like an inter-organelle signaling modulator. It participates in many biological processes including nociception, cancer, stroke, memory, drug addiction, cardiac activity, and Alzheimer's disease. The sigma-2 (σ2R) receptor is overexpressed in various human tumors. It has been validated as a biomarker for proliferating tumors.

(2R,3R)-E1R

Cat. No.: HY-116463C

(2R,3R)-E1R (Compound 2b) is an enantiomer of E1R. (2R,3R)-E1R is a **sigma-1 receptor** positive allosteric modulator (**Sig1R PAM**) for the treatment of cognition/memory disorders.

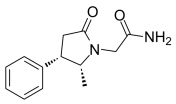


Purity: 98.79%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg

(2R,3S)-E1R

Cat. No.: HY-116463A

(2R,3S)-E1R (Compound 2c) is an enantiomer of E1R. (2R,3S)-E1R is a **sigma-1 receptor** positive allosteric modulator (**Sig1R PAM**) for the treatment of cognition/memory disorders.

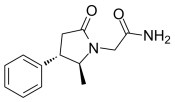


Purity: 98.84%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg

(2S,3S)-E1R

Cat. No.: HY-116463B

(2S,3S)-E1R (Compound 2d) is an enantiomer of E1R. (2S,3S)-E1R is a **sigma-1 receptor** positive allosteric modulator (**Sig1R PAM**) for the treatment of cognition/memory disorders.

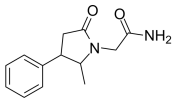


Purity: 98.24%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg

(Rac)-E1R

Cat. No.: HY-116463D

(Rac)-E1R (Compound 2) is the racemate of E1R. (Rac)-E1R is a **sigma-1 receptor** positive allosteric modulator (**Sig1R PAM**) used for the research of cognition/memory disorders.



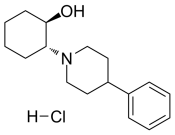
Purity: 98.48%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 1 mg, 5 mg, 10 mg

(±)-Vesamicol hydrochloride

((±)-AH5183 hydrochloride)

Cat. No.: HY-B1813A

(±)-Vesamicol hydrochloride ((±)-AH5183 hydrochloride) is a potent **vesicular acetylcholine transport** inhibitor with a K_i of 2 nM. (±)-Vesamicol hydrochloride also displays high affinity for **σ1** and **σ2 receptors** with K_is of 26 nM and 34 nM, respectively.

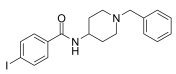


Purity: 99.72%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 25 mg

4-IBP

Cat. No.: HY-100155

4-IBP is a selective σ1 agonist with a high level of affinity for the σ1 receptor (Ki = 1.7 nM) and a moderate affinity for the σ2 receptor (Ki = 25.2 nM) .

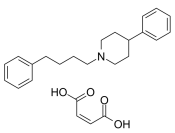


Purity: 99.81%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 50 mg, 100 mg

4-PPBP maleate

Cat. No.: HY-101043

4-PPBP maleate is a potent **σ 1 receptor** ligand and agonist. 4-PPBP maleate is a non-competitive, selective **NR1a/2B NMDA receptors** (expressed in Xenopus oocytes) antagonist. 4-PPBP maleate provides neuroprotection.

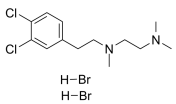


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

BD-1047 dihydrobromide

Cat. No.: HY-16996A

BD-1047 (dihydrobromide) is a selective functional antagonist of **sigma-1 receptor**, shows antipsychotic activity in animal models predictive of efficacy in schizophrenia.

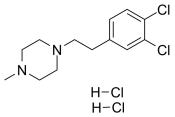


Purity: 99.78%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 50 mg

BD1063 dhydrochloride

Cat. No.: HY-18101A

BD1063 dhydrochloride is a potent and selective **sigma 1 receptor** antagonist.

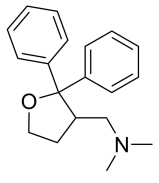


Purity: 96.77%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 25 mg, 50 mg

Blarcamesine

Cat. No.: HY-105296

Blarcamesine is an orally bioavailable **Sigma-1 receptor** agonist and **muscarinic receptor** modulator, with anticonvulsant, anti-amnesic, neuroprotective and antidepressant properties. Blarcamesine ameliorates neurologic impairments in a mouse model of Rett syndrome.

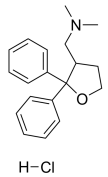


Purity: >98%
Clinical Data: Phase 2
Size: 1 mg, 5 mg

Blarcamesine hydrochloride

Cat. No.: HY-101864

Blarcamesine hydrochloride is a **Sigma-1 Receptor** agonist with an IC_{50} of 860 nM.



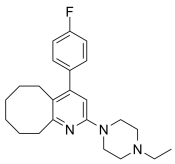
Purity: 99.85%
Clinical Data: Phase 2
Size: 10 mM × 1 mL, 5 mg, 10 mg, 50 mg, 100 mg

Blonanserin

(AD-5423)

Cat. No.: HY-13575

Blonanserin (AD-5423) is a potent and orally active **5-HT$_{2A}$** (K_i=0.812 nM) and **dopamine D2 receptor** (K_i =0.142 nM) antagonist.



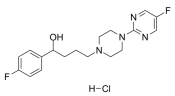
Purity: 98.73%
Clinical Data: Launched
Size: 10 mM × 1 mL, 10 mg, 25 mg, 100 mg

BMY-14802 hydrochloride

(BMY-14802-1; BMS 181100 hydrochloride)

Cat. No.: HY-108509

BMY-14802 hydrochloride (BMY-14802-1) is a selective and orally active **sigma receptor** antagonist with an IC_{50} of 112 nM. BMY-14802 hydrochloride is also a **5-HT1A** and **adrenergic α1 receptors** agonist. BMY-14802 hydrochloride has antipsychotic effects.

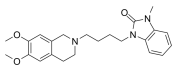


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

CM398

Cat. No.: HY-145628

CM398 is a highly selective, orally active **sigma-2 receptor** ligand (K_i=0.43 nM), with high sigma-1/sigma-2 selectivity rato (1000-fold). CM398 shows notable affinity for dopamine (K_i=32.90 nM) and serotonin transporters (K_i=244.2 nM).



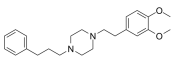
Purity: 98.09%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

Cutamesine

(SA4503; AGY 94806)

Cat. No.: HY-14813

Cutamesine (SA4503; AGY-94806) is a selective sigma 1 receptor(σ1R) agonist; high affinity for the sigma 1 receptor subtype labeled by (+)-[3H]pentazocine (IC50= 17.4±1.9 nM); 100-fold less affinity for the sigma 2 receptor.



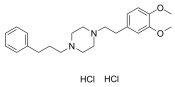
Purity: >98%
Clinical Data: Phase 2
Size: 1 mg, 5 mg

Cutamesine dihydrochloride

(SA4503 dihydrochloride; AGY94806 dihydrochloride)

Cat. No.: HY-13510

Cutamesine dihydrochloride (SA4503 dihydrochloride; AGY94806 dihydrochloride) is a potent **Sigma 1** receptor agonist with an IC_{50} of 17.4 nM in guinea pig brain membranes.

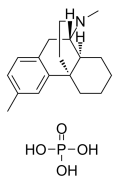


Purity: 99.48%
Clinical Data: Phase 2
Size: 10 mM × 1 mL, 10 mg, 50 mg

Dimemorfan phosphate

Cat. No.: HY-B2215

Dimemorfan phosphate is a **sigma 1 receptor** agonist, used as a potent antitussive.



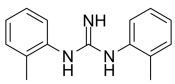
Purity: 99.97%
Clinical Data: Launched
Size: 10 mM × 1 mL, 50 mg, 100 mg

Ditolylguanidine

(1,3-Di-o-tolylguanidine; DTG)

Cat. No.: HY-14218

Ditolylguanidine (1,3-Di-o-tolylguanidine) is an agonist of **sigma receptor (σ1/σ2 receptor)**.

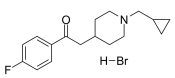


Purity: 99.03%
Clinical Data: Phase 4
Size: 10 mM × 1 mL, 500 mg, 1 g

DuP 734

Cat. No.: HY-136281

DuP 734 is a **sigma receptor** antagonist. DuP 734 is a selective and potent sigma and 5-HT2 receptor ligand with weak affinity for D2 receptors. DuP 734 may have antipsychotic activity without the liability of motor side effects typical of neuroleptics.

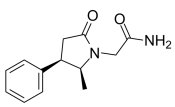


Purity: 98.27%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 50 mg, 100 mg

E1R

Cat. No.: HY-116463

E1R is a positive allosteric modulator of **sigma-1 receptors** (**Sig1R PAM**) with cognition-enhancing activity.

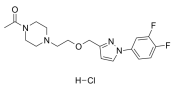


Purity: 99.28%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

EST64454 hydrochloride

Cat. No.: HY-131914A

EST64454 hydrochloride is a selective and orally active **sigma-1 receptor** antagonist with a K_i of 22 nM. EST64454 hydrochloride has the potential for the research of the pain.

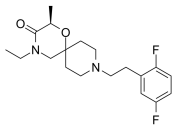


Purity: 99.19%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

EST73502

Cat. No.: HY-134189

EST73502 is a selective, orally active and blood-brain barrier (BBB) penetrant dual **μ-opioid receptor (MOR)** agonist and **σ1 receptor (σ1R)** antagonist, with K_is of 64 nM and 118 nM for MOR and σ1R, respectively. EST73502 has antinociceptive activity.

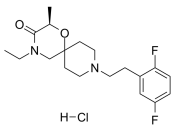


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

EST73502 hydrochloride

Cat. No.: HY-134189A

EST73502 hydrochloride is a selective, orally active and blood-brain barrier (BBB) penetrant dual **μ-opioid receptor (MOR)** agonist and **σ1 receptor (σ1R)** antagonist, with K_is of 64 nM and 118 nM for MOR and σ1R, respectively. EST73502 hydrochloride has antinociceptive activity.



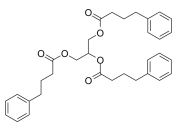
Purity: 98.12%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

Glycerol phenylbutyrate

(HPN-100)

Cat. No.: HY-B2087

Glycerol phenylbutyrate is a **sigma-2 (σ2)** receptor ligand, with a pK_i of 8.02. Glycerol phenylbutyrate (GPB) is a new generation ammonia scavenger drug.



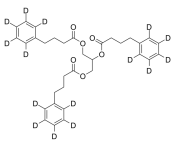
Purity: 99.81%
Clinical Data: Launched
Size: 10 mM × 1 mL, 10 mg, 50 mg, 100 mg

Glycerol phenylbutyrate-D15

(HPN-100-D15)

Cat. No.: HY-B2087S

Glycerol phenylbutyrate-D15 is a deuterium labeled Glycerol phenylbutyrate. Glycerol phenylbutyrate is a **sigma-2 (σ2)** receptor ligand, with a pK_i of 8.02. Glycerol phenylbutyrate (GPB) is a new generation ammonia scavenger drug.



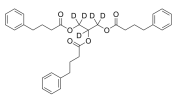
Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Glycerol phenylbutyrate-D5

(HPN-100-D5)

Cat. No.: HY-B2087S1

Glycerol phenylbutyrate-D5 is a deuterium labeled Glycerol phenylbutyrate. Glycerol phenylbutyrate is a **sigma-2 (σ2)** receptor ligand, with a pK_i of 8.02. Glycerol phenylbutyrate (GPB) is a new generation ammonia scavenger drug.

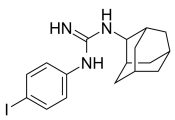


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

IPAG

Cat. No.: HY-100985

IPAG is a potent **sigma-1 receptor** antagonist with a pK_i of 4.3. IPAG induces **apoptosis**.

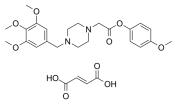


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

KB-5492 anhydrous

Cat. No.: HY-19120

KB-5492 anhydrous is a potent and selective inhibitor of **sigma receptor**, inhibits specific [^{3}H]1,3-di(2-tolyl)guanidine (DTG) binding to the **sigma receptor** with an IC_{50} of 3.15 μM. KB-5492 anhydrous is an anti-ulcer agent.

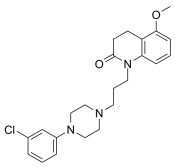


Purity: 99.50%
Clinical Data: No Development Reported
Size: 5 mg

OPC-14523 free base

Cat. No.: HY-116594

OPC-14523 free base is an orally active **sigma** and **5-HT1A receptor** agonist, with high affinity for sigma receptors (σ1/2 IC_{50}=47/56 nM), the 5-HT1A receptor (IC_{50}=2.3 nM), and the 5-HT transporter (IC_{50}=80 nM). OPC-14523 free base shows antidepressant-like activity.

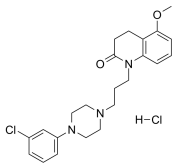


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

OPC-14523 hydrochloride

Cat. No.: HY-116594A

OPC-14523 hydrochloride is an orally active **sigma** and **5-HT1A receptor** agonist, with high affinity for sigma receptors (σ1/2 IC_{50}=47/56 nM), the 5-HT1A receptor (IC_{50}=2.3 nM), and the 5-HT transporter (IC_{50}=80 nM). OPC-14523 hydrochloride shows antidepressant-like activity.

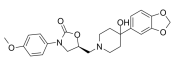


Purity: 99.90%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 50 mg, 100 mg

Panamesine
(EMD 57445)

Cat. No.: HY-136280

Panamesine (EMD 57445) is a **sigma receptor** ligand, which has a high affinity (IC_{50} 6 nM) and selectivity for sigma binding sites. Panamesine is a potential atypical neuroleptic agent.

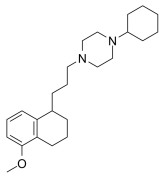


Purity: 99.74%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

PB28

Cat. No.: HY-108511A

PB28 is a cyclohexylpiperazine derivative and a high affinity and selective **sigma 2 (σ2) receptor** agonist with a K_i of 0.68 nM. PB28 is also a **σ1** antagonist with a K_i of 0.38 nM. PB28 is less affinity for other receptors.

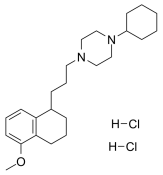


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

PB28 dihydrochloride

Cat. No.: HY-108511

PB28 dihydrochloride, a cyclohexylpiperazine derivative, is a high affinity and selective **sigma 2 (σ2) receptor** agonist with a K_i of 0.68 nM. PB28 dihydrochloride is also a **σ1** antagonist with a K_i of 0.38 nM.

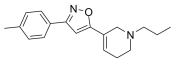


Purity: 99.53%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

PD 144418

Cat. No.: HY-108512

PD 144418 is a highly affinity, potent and selective **sigma 1 (σ1) receptor** ligand (K_i values of 0.08 nM and 1377 nM for **σ1** and σ2 respectively). PD 144418 devoids of any significant affinity for other receptors, ion channels and enzymes.

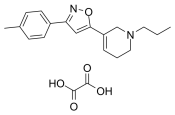


Purity: 98.32%
Clinical Data: No Development Reported
Size: 2 mg

PD 144418 oxalate

Cat. No.: HY-108512A

PD 144418 oxalate is a highly affinity, potent and selective **sigma 1 (σ1) receptor** ligand (K_i values of 0.08 nM and 1377 nM for **σ1** and σ2 respectively). PD 144418 oxalate devoids of any significant affinity for other receptors, ion channels and enzymes.

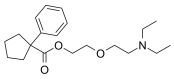


Purity: ≥98.0%
Clinical Data: No Development Reported
Size: 2 mg

Pentoxyverine
(Carbetapentane)

Cat. No.: HY-134004

Pentoxyverine (Carbetapentane) is a **sigma-1 receptor** agonist, with a K_i of 75 nM on guinea-pig brain membranes. Pentoxyverine is a centrally-acting cough suppressant with antimuscarinic and anticonvulsant properties.

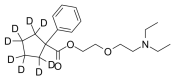


Purity: 98.37%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 10 mg, 25 mg, 50 mg, 100 mg

Pentoxyverine-d8

Cat. No.: HY-134004S

Pentoxyverine-d8 (Carbetapentane-d8) is the deuterium labeled Pentoxyverine. Pentoxyverine (Carbetapentane) is a **sigma-1 receptor** agonist, with a K_i of 75 nM on guinea-pig brain membranes.

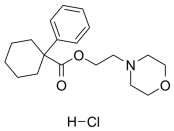


Purity: >98%
Clinical Data:
Size: 1 mg, 10 mg

PRE-084 hydrochloride

Cat. No.: HY-18100A

PRE-084 hydrochloride is a high affinity, selective σ1 agonist, has an IC50 of 44 nM in the sigma receptor assay.

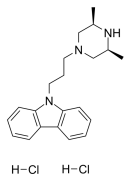


Purity: 99.79%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 10 mg, 50 mg, 100 mg, 200 mg

Rimcazole dihydrochloride
(BW 234U dihydrochloride)

Cat. No.: HY-108510

Rimcazole (BW 234U) dihydrochloride is a carbazole derivative that acts in part as a **sigma (σ) receptor** antagonist. Rimcazole dihydrochloride also binds with moderate affinity to the **dopamine transporter** and inhibit dopamine uptake.

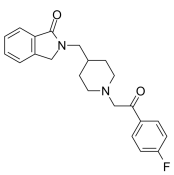


Purity: 99.80%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

Roluperidone
(CYR-101; MIN-101; MT-210)

Cat. No.: HY-19469

Roluperidone (CYR-101) is a novel cyclic amide derivative that has high equipotent affinities for **5-HT_{2A}** and **sigma-2** receptors (K_i of 7.53 nM and 8.19 nM for 5-HT_{2A} and sigma-2, respectively).

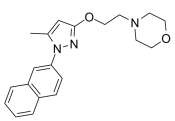


Purity: 99.51%
Clinical Data: Phase 3
Size: 10 mM × 1 mL, 2 mg, 5 mg, 10 mg, 50 mg, 100 mg

S1RA

(E-52862) **Cat. No.:** HY-18099

S1RA(E-52862) is a potent and selective sigma-1 receptor(σ1R, Ki=17 nM) antagonist, showed good selectivity against σ2R (Ki > 1000 nM). IC50 value: 17 nM (Ki) Target: σ1R in vitro: S1RA behaved as a highly selective σ1 receptor antagonist.

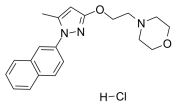


Purity: ≥98.0%
Clinical Data: Phase 2
Size: 5 mg, 10 mg

S1RA hydrochloride

(E-52862 hydrochloride) **Cat. No.:** HY-18099A

S1RA hydrochloride (E-52862 hydrochloride) is a potent and selective sigma-1 receptor(σ1R, Ki=17 nM) antagonist, showed good selectivity against σ2R (Ki > 1000 nM). IC50 value: 17 nM (Ki) Target: σ1R antagonist in vitro: S1RA behaved as a highly selective σ1 receptor antagonist.

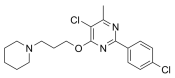


Purity: 99.85%
Clinical Data: Phase 2
Size: 10 mM × 1 mL, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg, 250 mg

Sigma-1 receptor antagonist 1

Cat. No.: HY-125821

Sigma1 receptor antagonist 1 (compound 137) is a potent and selective **sigma-1 receptor (σ1R)** antagonist, with a high binding affinity to σ1R receptor (K_i = 1.06 nM).

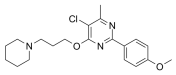


Purity: 99.76%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg

Sigma-1 receptor antagonist 2

Cat. No.: HY-125819

Sigma-1 receptor antagonist 2 is a potent and selective **sigma 1 receptor** (**σ1 R**) antagonist with K_is of 3.88 and 1288 nM for σ1 and σ2 receptor, respectively.

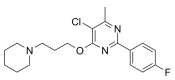


Purity: 99.14%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 50 mg, 100 mg

Sigma-1 receptor antagonist 3

Cat. No.: HY-125820

Sigma-1 receptor antagonist 3 (compound135) is a potent and selective **Sigma-1 (σ1) receptor** antagonist with a K_i of 1.14 nM. Sigma-1 receptor antagonist 3 inhibits **Human Ether-a-go-go-Related Gene (hERG)** with an IC_{50} of 1.54 μM.

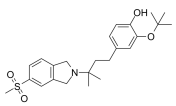


Purity: 99.47%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 50 mg, 100 mg

Sigma-2 receptor antagonist 1

Cat. No.: HY-111669

Sigma-2 receptor antagonist 1 is a **sigma-2 (σ-2) receptor** antagonist.

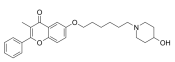


Purity: 97.15%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 50 mg

Sigma-LIGAND-1

Cat. No.: HY-101626

Sigma-LIGAND-1 is a selective **sigma receptor** ligand with an IC_{50}s of 16 nM, 19 nM at the DTG site and the PPP site, respectively. Sigma-LIGAND-1 has a K_i of 4000 nM at the dopamine D_2 receptor.

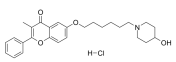


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Sigma-LIGAND-1 hydrochloride

Cat. No.: HY-101626A

Sigma-LIGAND-1 hydrochloride is a selective **sigma receptor** ligand with an IC_{50}s of 16 nM, 19 nM at the DTG site and the PPP site, respectively. Sigma-LIGAND-1 hydrochloride has a K_i of 4000 nM at the dopamine D_2 receptor.

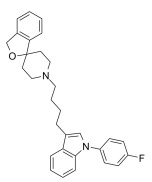


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Siramesine

(Lu 28-179) **Cat. No.:** HY-14221

Siramesine (Lu 28-179) is a potent **sigma-2 receptor** agonist. Siramesine has a subnanomolar affinity for sigma-2 receptors (IC_{50}=0.12nM) and exhibits a 140-fold selectivity for sigma-2 receptors over sigma-1 receptors (IC_{50}=17nM).

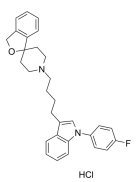


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Siramesine hydrochloride

(Lu 28-179 hydrochloride) **Cat. No.:** HY-14221A

Siramesine (Lu 28-179) hydrochloride is a potent **sigma-2 receptor** agonist. Siramesine hydrochloride has a subnanomolar affinity for sigma-2 receptors (IC_{50}=0.12nM) and exhibits a 140-fold selectivity for sigma-2 receptors over sigma-1 receptors (IC_{50}=17nM).

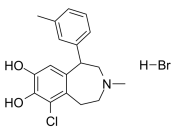


Purity: 99.85%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 50 mg, 100 mg

SKF 83959 hydrobromide

Cat. No.: HY-103412

SKF83959 hydrobromide is a potent and selective dopamine **D_1-like** receptor partial agonist. SKF83959 hydrobromide **K_i** values for rat **D_1**, **D_5**, D_2 and D_3 receptors are 1.18, 7.56, 920 and 399 nM, respectively.

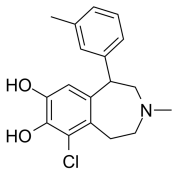


Purity: 99.86%
Clinical Data: No Development Reported
Size: 5 mg

SKF83959

Cat. No.: HY-130344

SKF83959 is a potent and selective dopamine **D_1-like** receptor partial agonist. SKF83959 **K_i** values for rat **D_1**, **D_5**, D_2 and D_3 receptors are 1.18, 7.56, 920 and 399 nM, respectively. SKF83959 is a potent allosteric modulator of **sigma (σ)-1** receptor.

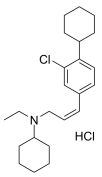


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

SR-31747

Cat. No.: HY-13751

SR-31747 is a **sigma** ligand with immunosuppressive and anti-inflammatory properties. SR-31747 blocks cell proliferation by inhibiting sterol isomerase.

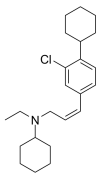


Purity: 99.80%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 50 mg, 100 mg

SR-31747 free base

Cat. No.: HY-13751A

SR-31747 free base is a **sigma** ligand with immunosuppressive and anti-inflammatory properties. SR-31747 blocks cell proliferation by inhibiting sterol isomerase.

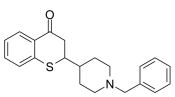


Purity: 95.45%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 25 mg, 50 mg

σ1 Receptor antagonist-1

Cat. No.: HY-10815

σ1 Receptor antagonist-1 is a highly potent and selective **sigma 1 receptor** antagonist (**pK_i**=10.28). σ1 Receptor antagonist-1 inhibits cell growth, arrests cell cycle at G0/G1 phase and induces **apoptosis** of MCF-7/ADR cells.



Purity: 98.04%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 25 mg, 50 mg, 100 mg