Dopamine Receptors are a class of G protein-coupled receptors that are prominent in the vertebrate central nervous system (CNS). The neurotransmitter dopamine is the primary endogenous ligand for dopamine receptors. Dopamine receptors are implicated in many neurological processes, including motivation, pleasure, cognition, memory, learning, and fine motor control, as well as modulation of neuroendocrine signaling. Abnormal dopamine receptor signaling and dopaminergic nerve function is implicated in several neuropsychiatric disorders. Thus, dopamine receptors are common neurologic drug targets; antipsychotics are often dopamine receptor antagonists while psychostimulants are typically indirect agonists of dopamine receptors. There are at least five subtypes of dopamine receptors, D1, D2, D3, D4, and D5. The D1 and D5 receptors are members of the D1-like family of dopamine receptors, whereas the D2, D3 and D4 receptors are members of the D2-like family.
Dopamine Receptor Inhibitors & Modulators

**(+)-Dihydrexidine hydrochloride**  
(DAR-0100 hydrochloride)  
Cat. No.: HY-101299

**Bioactivity:** (+)-Dihydrexidine hydrochloride is a dopamine D1 receptor agonist with an EC\textsubscript{50} of 72± 21 nM.

**Purity:** >98%  
**Clinical Data:** No Development Reported  
**Size:** 250 mg, 500 mg

**(+)-PD 128907 hydrochloride**  
Cat. No.: HY-110000

**Bioactivity:** (+)-PD 128907 hydrochloride is a selective dopamine D\textsubscript{2}/D\textsubscript{3} receptor agonist, with K\textsubscript{D} of 1.7, 0.84 nM for human and rat D\textsubscript{3} receptors, 179, 770 nM for human and rat D\textsubscript{2} receptors, respectively.

**Purity:** 98.83%  
**Clinical Data:** No Development Reported  
**Size:** 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg

**(±)-Methotrimeprazine (D6)**  
(dl-Methotrimeprazine D6)  
Cat. No.: HY-194895

**Bioactivity:** (±)-Methotrimeprazine (D6) is the deuterium labeled Methotrimeprazine, which is a D3 dopamine and Histamine H1 receptor antagonist.

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

**5-HT6/7 antagonist 1**  
Cat. No.: HY-101622

**Bioactivity:** 5-HT6/7 antagonist 1 is a multifunctional ligand that antagonizes 5-HT\textsubscript{6/7} and D2 receptors, without interacting with M1 receptors and hERG channels.

**Purity:** >98%  
**Clinical Data:** No Development Reported  
**Size:** 1 mg, 5 mg, 10 mg, 20 mg

**A-437203**  
(Lu201640; A37203)  
Cat. No.: HY-U00185

**Bioactivity:** A-437203 is a selective D\textsubscript{3} receptor antagonist with K\textsubscript{D} of 71, 1.6, and 6220 nM for D\textsubscript{2}, D\textsubscript{3}, and D\textsubscript{4} receptors, respectively.

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

**Abaperidone**  
Cat. No.: HY-101619

**Bioactivity:** Abaperidone is a potent antagonist of 5-HT\textsubscript{2A} receptor and dopamine D\textsubscript{2} receptor with IC\textsubscript{50} of 6.2 and 17 nM.

**Purity:** >98%  
**Clinical Data:** No Development Reported  
**Size:** 1 mg, 5 mg, 10 mg, 20 mg

**ABT-670**  
(SLV313)  
Cat. No.: HY-19483

**Bioactivity:** ABT-670 is a selective, oral bioavailable agonist of dopamine D\textsubscript{4} receptor, with EC\textsubscript{50} of 89 nM, 160 nM, and 93 nM for humanD\textsubscript{4}, ferretD\textsubscript{4}, and ratD\textsubscript{4}, respectively.

**Purity:** >98%  
**Clinical Data:** No Development Reported  
**Size:** 1 mg, 5 mg, 10 mg, 20 mg

**Adoprazine**  
(SLV313)  
Cat. No.: HY-14782

**Bioactivity:** Adoprazine, a potential atypical antipsychotic bearing potent D2 receptor antagonist and 5-HT1A receptor agonist properties.

**Purity:** 98.13%  
**Clinical Data:** Phase 1  
**Size:** 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg

**Alizapride hydrochloride**  
Cat. No.: HY-A0125A

**Bioactivity:** Alizapride hydrochloride is a dopamine receptor antagonist with prokinetic and antiemetic effects which can also be used in the treatment of nausea and vomiting, including postoperative nausea and vomiting.

**Purity:** 99.95%  
**Clinical Data:** No Development Reported  
**Size:** 10mM x 1mL in DMSO, 50 mg, 100 mg

**Amisulpride**  
(DAN 2163)  
Cat. No.: HY-14545

**Bioactivity:** Amisulpride is a dopamine D\textsubscript{2}/D\textsubscript{3} receptor antagonist with K\textsubscript{D} of 2.8 and 3.2 nM for human dopamine D\textsubscript{2} and D\textsubscript{3}, respectively.

**Purity:** 98.0%  
**Clinical Data:** Launched  
**Size:** 10mM x 1mL in DMSO, 100 mg, 200 mg, 500 mg

Tel: 609-228-6898  Fax: 609-228-5909  Email: sales@MedChemExpress.com
### Amisulpride hydrochloride

**Cat. No.: HY-14545A**

**Bioactivity:** Amisulpride hydrochloride is a dopamine D2/D3 receptor antagonist with Ki values of 2.8 and 3.2 nM for human dopamine D2 and D3 receptors, respectively.

**Purity:** >98%

**Clinical Data:** Launched

**Size:** 100 mg, 200 mg, 500 mg

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### Amitifadine hydrochloride

**Cat. No.: HY-18332A**

**Bioactivity:** Amitifadine hydrochloride is a serotonin-norepinephrine-dopamine reuptake inhibitor (SNDRI), with IC50 values of 12, 23, 96 nM for serotonin, norepinephrine and dopamine in HEK 293 cells, respectively.

**Purity:** >98%

**Clinical Data:** Phase 3

**Size:** 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg

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### Asenapine hydrochloride

**Cat. No.: HY-16567**

**Bioactivity:** Asenapine maleate, an antipsychotic, is a 5-HT (3A, 1B, 2A, 2B, 2C, 5A, 6, 7) and Dopamine (D2, D3, D4) receptor antagonist with Ki values of 0.03-4.0 nM for 5-HT and 1.3, 0.42, 1.1 nM for Dopamine receptor, respectively.

**Purity:** 99.39%

**Clinical Data:** Launched

**Size:** 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg

---

### Azaperone

**Cat. No.: HY-B1470**

**Bioactivity:** Azaperone acts as a dopamine antagonist but also has some antihistaminic and anticholinergic properties. Azaperone is a pyridinylpiperazine and butyrophenone neuroleptic drug with sedative and antiemetic effects, which is used mainly as a tranquilizer in veterinary medicine.

**Purity:** 99.58%

**Clinical Data:** Launched

**Size:** 10mM x 1mL in DMSO, 100 mg, 500 mg

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### B-HT 920

**Cat. No.: HY-A0008**

**Bioactivity:** B-HT 920 (Talipexole dihydrochloride) is a dopamine D2 receptor agonist, α2-adrenoceptor agonist and 5-HT3 receptor antagonist, which displays anti-Parkinsonian activity. IC50 Value: 25 nM (Adrenergic receptor α-2, rat). Target: Adrenergic Receptor; 5-HT Receptor; Dopamine Receptor in vitro: N/A in vivo...

**Purity:** 99.99%

**Clinical Data:** Launched

**Size:** 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg

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### Benzamide Derivative 1

**Cat. No.: HY-U00415**

**Bioactivity:** Benzamide Derivative 1 is a benzamide derivative from patent EP0213775A1, compound 18. Benzamide Derivative 1 may be useful in treatment of gastrointestinal disorders.

**Purity:** >98%

**Clinical Data:** No Development Reported

**Size:** 1 mg, 5 mg, 20 mg

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### Blonanserin

**Cat. No.: HY-13575**

**Bioactivity:** Blonanserin (AD-5423) is a D2/5-HT2 receptor antagonist, atypical antipsychotic. Target: D2 receptor; 5-HT2 receptor Blonanserin (AD-5423) is a relatively new atypical antipsychotic for the treatment of schizophrenia. Blonanserin belongs to a series of 4-phenyl-2-(1-piperazinyl)pyridines and...

**Purity:** 99.77%

**Clinical Data:** Launched

**Size:** 10 mg, 25 mg, 100 mg

---

### BP 897

**Cat. No.: HY-106660**

**Bioactivity:** BP 897 is a potent and selective dopamine D3 receptor agonist, and a weak dopamine D2 receptor antagonist, with Ki values of 0.92 nM and 61 nM for D3 and D2 receptors, and shows low affinities at D1 and D4 receptors (Ki, 3 and 0.3...)

**Purity:** >98%

**Clinical Data:** No Development Reported

**Size:** 500 mg, 250 mg

---

### Brexpiprazole

**Cat. No.: HY-15780**

**Bioactivity:** Brexpiprazole is a partial agonist of human 5-HT1A and dopamine receptor with Ki values of 0.12 nM and 0.3 nM, respectively. Brexpiprazole is also a 5-HT2A receptor antagonist with a Ki of 0.47 nM.

**Purity:** 99.38%

**Clinical Data:** Launched

**Size:** 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg, 200 mg, 500 mg

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### Bromocriptine mesylate

**Cat. No.: HY-12705A**

**Bioactivity:** Bromocriptine mesylate is a potent dopamine D2/D3 receptor agonist, which binds D2 dopamine receptor with pKd of 8.05 ± 0.2.

**Purity:** 99.79%

**Clinical Data:** Launched

**Size:** 10mM x 1mL in DMSO, 50 mg, 100 mg, 200 mg

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www.MedChemExpress.com
**Bromopride**  
*Cat. No.: HY-81164*

**Bioactivity:** Bromopride is a dopamine antagonist with prokinetic properties widely used as an antiemetic.

**Purity:** >98%
**Clinical Data:** Launched
**Size:** 5 mg, 10 mg, 50 mg

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**Cabergoline**  
*(FCE-21336)*  
*Cat. No.: HY-15296*

**Bioactivity:** Cabergoline is an ergot derived-dopamine D₂-like receptor agonist that has high affinity for D₂, D₃, and 5-HT₂B receptors (Kᵢ = 0.7, 1.5, and 1.2, respectively).

**Purity:** 99.47%
**Clinical Data:** Launched
**Size:** 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg

---

**Cariprazine**  
*(RGH-188)*  
*Cat. No.: HY-14763*

**Bioactivity:** Cariprazine is a novel antipsychotic drug candidate that exhibits high affinity for the D₃ (Kᵢ = 0.085 nM) and D₂ (Kᵢ = 0.49 nM) receptors, and moderate affinity for the 5-HT₁A receptor (Kᵢ = 2.6 nM).

**Purity:** 98.01%
**Clinical Data:** Launched
**Size:** 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg

---

**Cariprazine hydrochloride**  
*(RGH188 hydrochloride)*  
*Cat. No.: HY-14763A*

**Bioactivity:** Cariprazine hydrochloride is a novel antipsychotic drug candidate that exhibits high affinity for the D₃ (Kᵢ = 0.085 nM) and D₂ (Kᵢ = 0.49 nM) receptors, and moderate affinity for the 5-HT₁A receptor (Kᵢ = 2.6 nM).

**Purity:** 99.89%
**Clinical Data:** Launched
**Size:** 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg

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**CGP 25454A**  
*Cat. No.: HY-100454*

**Bioactivity:** CGP 25454A is a novel and selective presynaptic dopamine autoreceptor antagonist.

**Purity:** 98.0%
**Clinical Data:** No Development Reported
**Size:** 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg, 25 mg, 50 mg

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**Chlorpromazine D6 hydrochloride**  
*Cat. No.: HY-B0407AS*

**Bioactivity:** Chlorpromazine D6 hydrochloride is the deuterium labeled Chlorpromazine. Chlorpromazine is an inhibitor of dopamine receptor, 5-HT receptor, potassium channel, sodium channel.

**Purity:** 99.0%
**Clinical Data:** No Development Reported
**Size:** 10mM x 1mL in DMSO, 1 mg, 5 mg, 50 mg

---

**Chlorpromazine hydrochloride**  
*Cat. No.: HY-B0407A*

**Bioactivity:** Chlorpromazine Hydrochloride is an antagonist of the dopamine D₂ receptors, 5-HT₂A receptors, potassium channel, sodium channel, with Kᵢ of 363 nM and 8.3 nM for dopamine D₂ receptor and serotonin 5-HT₂A receptor.

**Purity:** 99.83%
**Clinical Data:** Launched
**Size:** 1 g, 5 g

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**Chlorprothixene**  
*Cat. No.: HY-B0274*

**Bioactivity:** Chlorprothixene has strong binding affinities to dopamine and histamine receptors, such as D₁, D₂, D₃, D₅, H₁, 5-HT₂, 5-HT₆ and 5-HT₇, with Kᵢ of 18 nM, 2.96 nM, 4.56 nM, 9 nM, 3.75 nM, 9.4 nM, 3 nM and 5.6 nM, respectively.

**Purity:** 99.52%
**Clinical Data:** Launched
**Size:** 10mM x 1mL in DMSO, 50 mg, 100 mg, 200 mg, 500 mg

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**Clebopride malate**  
*Cat. No.: HY-B1613A*

**Bioactivity:** Clebopride malate is a dopamine antagonist drug with antiemetic and prokinetic properties used to treat functional gastrointestinal disorders.

**Purity:** 99.46%
**Clinical Data:** Launched
**Size:** 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg

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**Clocapramine**  
*(Clarcapramine, 3-Chlorocarpipramine)*  
*Cat. No.: HY-B2073*

**Bioactivity:** Clocapramine is an antagonist of the D₂, 5-HT₂A receptors.

**Purity:** >98%
**Clinical Data:** Launched
**Size:** 1 mg
Clomipramine hydrochloride
Cat. No.: HY-80457

Bioactivity: Clomipramine HCl is a serotonin transporter (SERT), norepinephrine transporter (NET) dopamine transporter (DAT) blocker with Ki of 0.14, 54 and 3 nM, respectively. Target: 5-HT Receptor Clomipramine hydrochloride (Anafranil) is a hydrochloride salt of clomipramine which is a serotonin...

Purity: 99.72%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg

Clomipramine hydrochloride
Cat. No.: HY-80457

Bioactivity: Clomipramine HCl is a serotonin transporter (SERT), norepinephrine transporter (NET) dopamine transporter (DAT) blocker with Ki of 0.14, 54 and 3 nM, respectively. Target: 5-HT Receptor Clomipramine hydrochloride (Anafranil) is a hydrochloride salt of clomipramine which is a serotonin...

Purity: 99.72%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg

Dextrimipexole
((R)-Pramipexole; R- (+)-Pramipexole; KNS-760704)
Cat. No.: HY-17355B

Bioactivity: Dextrimipexole(KNS-760704), also known as R- (+)-Pramipexole, is a neuroprotective agent and weak non-ergoline dopamine agonist. IC50 Value:

Purity: > 98%
Clinical Data: Phase 3
Size: 10 mg, 50 mg

Domperidone
(R33812)
Cat. No.: HY-80411

Bioactivity: Domperidone is a dopamine blocker and an antidopaminergic reagent.

Purity: 99.52%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg, 200 mg, 500 mg

Dopamine hydrochloride
(ASL279)
Cat. No.: HY-80451A

Bioactivity: Dopamine HCl is a catecholamine neurotransmitter present in a wide variety of animals, and a dopamine D1-5 receptors agonist. Target: Dopamine Receptor Dopamine (or 3,4-dihydroxyphenethylamine) is a neuroendocrine transmitter in the catecholamine and phenethylamine families that plays a...

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg

Dopamine serotonin antagonist-1
Cat. No.: HY-42110

Bioactivity: Dopamine serotonin antagonist-1 is a dual dopamine and serotonin receptor antagonist with Ks of 200, 2500, 420, 39, 84, 40 nM for dopamine D1, D2, D4, and serotonin S2A, S2C, S3, respectively.

Purity: 99.79%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg

Droperidol
(Dehydrobenzperidol)
Cat. No.: HY-B1240

Bioactivity: Droperidol is a Dopamine-2 Receptor Antagonist.

Purity: 99.29%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg

Fenoldopam
(SKF 82526)
Cat. No.: HY-80735

Bioactivity: Fenoldopam(SKF 82526) is a drug and synthetic benzazepine derivative which acts as a selective D1 receptor partial agonist.

Purity: > 98%
Clinical Data: Launched
Size: 10 mg

Fenoldopam mesylate
(Fenoldopam methanesulfonate; SKF-82526 mesylate)
Cat. No.: HY-80735A

Bioactivity: Fenoldopam(SKF 82526) mesylate is a drug and synthetic benzazepine derivative which acts as a selective D1 receptor partial agonist.

Purity: 99.85%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg
<table>
<thead>
<tr>
<th><strong>Fluphenazine dihydrochloride</strong></th>
<th><strong>Cat. No.: HY-A0081</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong></td>
<td>Fluphenazine dihydrochloride is a phenothiazine-class D1DR and D2DR inhibitor; used to deliver Fluphenazine to biological systems in studies probing the effects and metabolic fates of this commonly used dopamine antagonist.</td>
</tr>
<tr>
<td><strong>Purity:</strong></td>
<td>99.96%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong></td>
<td>Launched</td>
</tr>
<tr>
<td><strong>Size:</strong></td>
<td>10mM x 1mL in DMSO, 100 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>GSK163090</strong></th>
<th><strong>Cat. No.: HY-14348</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong></td>
<td>GSK163090 is a potent, selective, and orally active 5-HT1A/B/D receptor antagonist with pKi of 9.4/8.5/9.7, and 6.3/6.7 for 5-HT1A/B/D, and dopamine D2/D3, respectively.</td>
</tr>
<tr>
<td><strong>Purity:</strong></td>
<td>99.62%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong></td>
<td>Phase 2</td>
</tr>
<tr>
<td><strong>Size:</strong></td>
<td>10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th><strong>GSK598809</strong></th>
<th><strong>Cat. No.: HY-19654</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong></td>
<td>GSK598809 is a potent and selective dopamine D3 Receptor (DRD3) antagonist, with a pKᵢ of 8.9.</td>
</tr>
<tr>
<td><strong>Purity:</strong></td>
<td>&gt;98%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong></td>
<td>No Development Reported</td>
</tr>
<tr>
<td><strong>Size:</strong></td>
<td>500 mg, 250 mg</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th><strong>Haloperidol</strong></th>
<th><strong>Cat. No.: HY-14538</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong></td>
<td>Haloperidol is a potent dopamine D2 receptor antagonist, widely used as an antipsychotic.</td>
</tr>
<tr>
<td><strong>Purity:</strong></td>
<td>99.72%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong></td>
<td>Launched</td>
</tr>
<tr>
<td><strong>Size:</strong></td>
<td>10mM x 1mL in DMSO, 100 mg, 500 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Haloperidol D4</strong></th>
<th><strong>Cat. No.: HY-14538S</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong></td>
<td>Haloperidol D4 is deuterium labeled haloperidol, and the latter is a potent dopamine D2 receptor antagonist.</td>
</tr>
<tr>
<td><strong>Purity:</strong></td>
<td>&gt;98%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong></td>
<td>No Development Reported</td>
</tr>
<tr>
<td><strong>Size:</strong></td>
<td>1 mg, 5 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Haloperidol D4</strong></th>
<th><strong>Cat. No.: HY-14538S1</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong></td>
<td>Haloperidol D4' is deuterium labeled haloperidol, and the latter is a potent dopamine D2 receptor antagonist.</td>
</tr>
<tr>
<td><strong>Purity:</strong></td>
<td>&gt;98%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong></td>
<td>No Development Reported</td>
</tr>
<tr>
<td><strong>Size:</strong></td>
<td>1 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Haloperidol hydrochloride</strong></th>
<th><strong>Cat. No.: HY-14538A</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong></td>
<td>Haloperidol hydrochloride is a potent dopamine D2 receptor antagonist, widely used as an antipsychotic.</td>
</tr>
<tr>
<td><strong>Purity:</strong></td>
<td>&gt;98%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong></td>
<td>Launched</td>
</tr>
<tr>
<td><strong>Size:</strong></td>
<td>100 mg, 500 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Iloperidone (HP 873)</strong></th>
<th><strong>Cat. No.: HY-17410</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong></td>
<td>Iloperidone (HP 873) is a D2/5-HT2 receptor antagonist, which is an atypical antipsychotic for the treatment of schizophrenia symptoms.</td>
</tr>
<tr>
<td><strong>Purity:</strong></td>
<td>99.93%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong></td>
<td>Launched</td>
</tr>
<tr>
<td><strong>Size:</strong></td>
<td>10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Iloperidone hydrochloride (HP 873 hydrochloride)</strong></th>
<th><strong>Cat. No.: HY-17410A</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong></td>
<td>Iloperidone (hydrochloride) is a D(2)/5-HT(2) receptor antagonist, which is an atypical antipsychotic for the treatment of schizophrenia symptoms.</td>
</tr>
<tr>
<td><strong>Purity:</strong></td>
<td>&gt;98%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong></td>
<td>Launched</td>
</tr>
<tr>
<td><strong>Size:</strong></td>
<td>10 mg, 50 mg, 100 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>L-DOPA</strong></th>
<th><strong>Cat. No.: HY-N0304</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioactivity:</strong></td>
<td>L-DOPA is a natural form of DOPA used in the treatment of Parkinson’s disease. L-DOPA is the precursor of dopamine and product of tyrosine hydroxylase. Target: Dopamine Receptor L-DOPA (L-3,4-dihydroxyphenylalanine) is a chemical that is made and used as part of the normal biology of humans, some...</td>
</tr>
<tr>
<td><strong>Purity:</strong></td>
<td>99.72%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong></td>
<td>Launched</td>
</tr>
<tr>
<td><strong>Size:</strong></td>
<td>200 mg, 1 g</td>
</tr>
</tbody>
</table>
Levosulpiride
(S-(-)-Sulpiride)

**Bioactivity:** Levosulpiride is the (S)-enantiomer of sulpiride, which is a D2 receptor antagonist, an atypical antipsychotic drug of the benzamide class.

**Purity:** 99.99%
**Clinical Data:** Launched
**Size:** 10mM x 1mL in DMSO, 100 mg

Lurasidone

**Bioactivity:** Lurasidone is an antagonist of both dopamine D2 and 5-HT2 with IC50s of 1.68 and 0.495 nM, respectively. Lurasidone is also a partial agonist of 5-HT1A receptor with an IC50 of 6.75 nM.

**Purity:** >98%
**Clinical Data:** Launched
**Size:** 10 mg, 50 mg, 100 mg

Lurasidone Hydrochloride
(SM-13496)

**Bioactivity:** Lurasidone is an antagonist of both dopamine D2 and 5-HT2 with IC50s of 1.68 and 0.495 nM, respectively. Lurasidone is also a partial agonist of 5-HT1A receptor with an IC50 of 6.75 nM.

**Purity:** >98%
**Clinical Data:** Launched
**Size:** 10 mg, 50 mg, 100 mg, 200 mg, 500 mg

Metoclopramide

**Bioactivity:** Metoclopramide is a dopamine D2 antagonist that is used as an antiemetic.

**Purity:** 98.23%
**Clinical Data:** Launched
**Size:** 10mM x 1mL in DMSO, 100 mg

Metoclopramide hydrochloride hydrate
(Metoclopramide monohydrochloride monohydrate)

**Bioactivity:** Metoclopramide hydrochloride hydrate is a dopamine D2 antagonist that is used as an antiemetic.

**Purity:** 99.94%
**Clinical Data:** Launched
**Size:** 10mM x 1mL in DMSO, 100 mg, 500 mg

Molindone hydrochloride
(EN-1733A)

**Bioactivity:** Molindone is a therapeutic antipsychotic, used in the treatment of schizophrenia, works by blocking the effects of dopamine in the brain, leading to diminished psychoses.

**Purity:** 99.92%
**Clinical Data:** Launched
**Size:** 10mM x 1mL in DMSO, 10 mg, 50 mg

NEO 376
(SPI-376)

**Bioactivity:** NEO 376 is a selective modulator of 5-HT1 receptor, GABA receptor and dopamine receptor, with anti-psychotic activity.

**Purity:** >98%
**Clinical Data:** No Development Reported
**Size:** 1 mg, 5 mg, 10 mg, 20 mg

Neuromedin N
(Neuromedin N (rat, mouse, porcine, canine))

**Bioactivity:** Neuromedin N is a potent modulator of dopamine D2 receptor agonist binding in rat neostriatal membranes. Sequence: Lys-Ile-Pro-Tyr-Ile-Leu.

**Purity:** 99.73%
**Clinical Data:** No Development Reported
**Size:** 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg

NMI 8739

**Bioactivity:** NMI 8739 is a dopamine D2 autoreceptor agonist, which is an amine conjugate of the DHA carrier and the neurotransmitter dopamine.

**Purity:** >98%
**Clinical Data:** No Development Reported
**Size:** 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg, 25 mg
Nomifensine
((±)-Nomifensin)  
Cat. No.: HY-B1110

Bioactivity: Nomifensine is a norepinephrine-dopamine reuptake inhibitor, increases the amount of synaptic norepinephrine and dopamine available to receptors by blocking the dopamine and norepinephrine reuptake transporters.

Purity: 99.24%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg

Nomifensine maleate
((±)-Nomifensine maleat)  
Cat. No.: HY-B1110A

Bioactivity: Nomifensine maleate is a selective inhibitor of dopamine uptake, used in adult attention deficit disorder.

Purity: 98.14%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg

NRA-0160  
Cat. No.: HY-101641

Bioactivity: NRA-0160 is a selective dopamine D4 receptor antagonist, with a Kᵢ value of 0.48 nM and with negligible affinity for dopamine D2 receptor (Kᵢ >10000 nM), D3 receptor (Kᵢ: 39 nM), rat 5-HT2A receptor (Kᵢ: 180 nM) and rat

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg, 20 mg

Nuciferine  
Cat. No.: HY-N0049

Bioactivity: Nuciferine is an antagonist at 5-HT₂₆ (IC₅₀=478 nM), 5-HT₂₅ (IC₅₀=131 nM), and 5-HT₂₈ (IC₅₀=1 μM), an inverse agonist at 5-HT₇ (IC₅₀=150 nM), a partial agonist at D₂ (EC₅₀=64 nM), D₅ (EC₅₀=2.6 μM) and 5-HT₆ (EC₅₀=...)

Purity: 99.66%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg

Ocaperidone
(R79598)  
Cat. No.: HY-101094

Bioactivity: Ocaperidone is an effective antipsychotic agent, acting as a potent 5-HT₃ and dopamine D₂ antagonist, and a 5-HT₁A agonist, with Kᵢ₆ of 0.14 nM, 0.46 nM, 0.75 nM, 1.6 nM and 5.4 nM for 5-HT₂, a 1-adrenergic receptor, dopamine D₂

Purity: 98.55%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg

Oxidopamine hydrobromide
(6-Hydroxydopamine hydrobromide; 6-OHDA hydrobromide)  
Cat. No.: HY-B1081A

Bioactivity: Oxidopamine hydrobromide is a selective catecholaminergic neurotoxin, depletes brain catecholamine levels via uptake and accumulation by a transport mechanism specific to these neurons. In vitro: Oxidopamine hydrobromide-induced apoptosis of PC12 cells was initiated by superoxide generation followed...

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg, 200 mg, 500 mg, 1 g

Oxidopamine hydrochloride
(6-Hydroxydopamine hydrochloride; 6-OHDA hydrochloride)  
Cat. No.: HY-B1081

Bioactivity: Oxidopamine hydrochloride is a neurotoxic synthetic organic compound, selectively destroys dopaminergic and noradrenergic neurons in the brain.

Purity: 95.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg

Paliperidone
(9-hydroxyrisperidone)  
Cat. No.: HY-A0019

Bioactivity: Paliperidone (9-hydroxyrisperidone) is a dopamine antagonist of the atypical antipsychotic class of medications.

Purity: 99.09%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg, 200 mg, 500 mg

Pardoprunox
(SLV-308; DU-126891)  
Cat. No.: HY-14958

Bioactivity: Pardoprunox(SLV-308) is a novel partial dopamine D2 and D3 receptor agonist and serotonin 5-HT1A receptor agonist; D2 (pKi = 8.1) and D3 receptor (pKi = 8.6) partial agonist (IA = 50% and 67%, respectively) and 5-HT1A receptor (pKi = 8.5) full agonist (IA = 100%); also binds to D4 (pKi = 7.8),...

Purity: >98%
Clinical Data: Phase 3
Size: 5 mg, 10 mg, 50 mg, 100 mg
Pardoprunox hydrochloride (SLV-308 hydrochloride; DU-126891 hydrochloride)  
Cat. No.: HY-14958A

Bioactivity: Pardoprunox hydrochloride is a novel partial dopamine D2 and D3 receptor agonist and serotonin 5-HT1A receptor agonist, D2 (pKi = 8.1) and D3 receptor (pKi = 8.6) partial agonist and 5-HT1A receptor (pKi = 8.5) full agonist.

Purity: 98.89%
Clinical Data: Phase 3
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg

Pertiapine (CGS 10746)  
Cat. No.: HY-100143

Bioactivity: Pertiapine is a novel dopamine release inhibitor.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg

Pergolide mesylate (Pergolide methanesulfonate; LY127809)  
Cat. No.: HY-13720A

Bioactivity: Pergolide Mesylate is an antiparkinsonian agent which functions as a dopaminergic agonist. Target: Dopamine Receptor Pergolide mesylate (trade name Permax) is an ergoline-based dopamine receptor agonist used in some countries for the treatment of Parkinson’s disease. Pergolide mesylate functions...

Purity: 99.31%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 1 g, 5 g

Perphenazine  
Cat. No.: HY-A0077

Bioactivity: Perphenazine is a typical antipsychotic drug, inhibits 5-HT<sub>2A</sub> receptor, Alpha-1A adrenergic receptor, Dopamine receptor D2/D3, D2L receptor, and Histamine H1 receptor, with Ki values of 5.6, 10, 0.765/0.13, 3.4, and 8...

Purity: 99.90%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 1 g, 5 g

Perphenazine D8 Dihydrochloride  
Cat. No.: HY-A0077AS

Bioactivity: Perphenazine D8 Dihydrochloride is the deuterium labeled Perphenazine, which is a typical antipsychotic drug (5-HT, Dopamine receptor ligand).

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg

PF-592379  
Cat. No.: HY-U00400

Bioactivity: PF-592379 is a potent dopamine D<sub>3</sub> receptor agonist with an EC<sub>50</sub> of 21 nM.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg, 20 mg

Pimozide (R6238)  
Cat. No.: HY-12987

Bioactivity: Pimozide is a dopamine receptor antagonist, with K<sub>i</sub> of 1.4 nM, 2.5 nM and 588 nM for dopamine D2, D3 and D1 receptors, respectively, and also has affinity at α1-adrenoceptor, with a K<sub>i</sub> of 39 nM; Pimozide also inhib...

Purity: 98.01%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 50 mg

Piperidine-MO-1  
Cat. No.: HY-19845A

Bioactivity: Piperidine-MO-1 is a modulator of dopamine receptor extracted from patent WO/2005/121087A1, compound example 2; exhibits an ED<sub>50</sub> of 68 μmol/kg on increase of DOPAC in the rat striatum.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg, 20 mg

Piribedil  
Cat. No.: HY-12707

Bioactivity: Piribedil is a dopamine D<sub>2</sub> receptor (D<sub>2</sub>R) agonist which also displays antagonist property at h<sub>1A</sub>-adrenoceptor (h<sub>1A</sub>-AR).

Purity: 99.90%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg, 200 mg, 500 mg

Piribedil D8 (ET-495 D8)  
Cat. No.: HY-12707S

Bioactivity: Piribedil D8 is the deuterium labeled Piribedil, which is an antiparkinsonian agent.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg
**Pramipexole**  
**Cat. No.: HY-80410**

**Bioactivity:** Pramipexole is a dopamine agonist of the non-ergoline class indicated for treating Parkinson's disease (PD) and restless legs syndrome (RLS).

**Purity:** >98%

**Clinical Data:** Launched

**Size:** 50 mg, 100 mg

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**Pramipexole dihydrochloride**  
**Cat. No.: HY-17355**

**Bioactivity:** Pramipexole HCl is a partial/full D2S, D2L, D3, D4 receptor agonist with a Ki of 3.9, 2.2, 0.5 and 5.1 nM for D2S, D2L, D3, D4 receptor, respectively. IC50 Value: 3.9 nM(D2S); 2.2 nM(D2L); 0.5 nM(D3); 5.1 nM(D4) Target: Dopamine Receptor Pramipexole dihydrochloride is a dopamine receptor agonist...

**Purity:** 98.0%

**Clinical Data:** Launched

**Size:** 10mM x 1mL in DMSO, 10 mg, 50 mg

---

**Pridopidine**  
**(ACR16; ASP2314; FR310826)**  
**Cat. No.: HY-10684**

**Bioactivity:** Pridopidine, a dopamine (DA) stabilizer, acts as a low affinity dopamine D2 receptor (D2R) antagonist. Pridopidine exerts high affinity towards sigma 1 receptor (S1R) with Kᵢ between 70 and 80 nM, which is ~100× higher than its affinity toward D2R.

**Purity:** 99.76%

**Clinical Data:** No Development Reported

**Size:** 10mM x 1mL in DMSO, 2 mg, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

---

**Prochlorperazine D8**  
**Cat. No.: HY-808075**

**Bioactivity:** Prochlorperazine D8 is the deuterium labeled Prochlorperazine, which is a dopamine (D2) receptor antagonist.

**Purity:** >98%

**Clinical Data:** No Development Reported

**Size:** 1 mg, 5 mg, 10 mg

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**Prochlorperazine D8 dimeleate**  
**Cat. No.: HY-80807S1**

**Bioactivity:** Prochlorperazine D8 dimeleate is the deuterium labeled Prochlorperazine, which is a dopamine (D2) receptor antagonist.

**Purity:** >98%

**Clinical Data:** No Development Reported

**Size:** 1 mg

---

**Promazine hydrochloride**  
**Cat. No.: HY-B1225**

**Bioactivity:** Promazine (hydrochloride) is a D2 dopamine receptor antagonist. It belongs to the phenothiazine class of antipsychotics, used to treat schizophrenia.

**Purity:** 99.72%

**Clinical Data:** Launched

**Size:** 10mM x 1mL in Water, 100 mg

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**Quetiapine D4 fumarate**  
**Cat. No.: HY-80031S**

**Bioactivity:** Quetiapine D4 fumarate is the deuterium labeled Quetiapine, which is an atypical antipsychotic.

**Purity:** 98.0%

**Clinical Data:** No Development Reported

**Size:** 1 mg, 5 mg, 10 mg

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**Quetiapine fumarate**  
**Cat. No.: HY-80031**

**Bioactivity:** Quetiapine fumarate is an atypical antipsychotic used in the treatment of schizophrenia, bipolar I mania, bipolar II depression, bipolar I depression.

**Purity:** 99.54

**Clinical Data:** Launched

**Size:** 10mM x 1mL in DMSO, 1 g, 5 g

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**Quetiapine sulfoxide dihydrochloride**  
**(Quetiapine sulfoxide dihydrochloride; Quetiapine S-oxide dihydrochloride)**  
**Cat. No.: HY-G0014A**

**Bioactivity:** Quetiapine Sulfoxide is a metabolite of Quetiapine. Quetiapine is an atypical antipsychotic approved for the treatment of schizophrenia, bipolar disorder, and along with an antidepressant to treat major depressive disorder.

**Purity:** 98.0%

**Clinical Data:** No Development Reported

**Size:** 5 mg, 10 mg, 50 mg

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**Quinagolide hydrochloride**  
**(CV205-502 hydrochloride)**  
**Cat. No.: HY-13736A**

**Bioactivity:** Quinagolide hydrochloride is a selective dopamine D2 receptor agonist, also is a prolactin inhibitor. Target: dopamine D2 receptor, prolactin Quinagolide is a selective, D2 receptor agonist (or prolactin-release inhibitor) that is used for the treatment of elevated levels of prolactin. Quinagolide is...

**Purity:** 99.78%

**Clinical Data:** Launched

**Size:** 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg
### Quinpirole Hydrochloride

**((−)-LY 171555)**  
**Cat. No.: HY-B1752A**

- **Bioactivity:** Quinpirole (Hydrochloride) is a high-affinity agonist dopamine D2/D3 receptor.
- **Purity:** >99%
- **Clinical Data:** No Development Reported
- **Size:** 250 mg, 500 mg

### rac-Rotigotine Hydrochloride

**Cat. No.: HY-15394**

- **Bioactivity:** rac-Rotigotine HCl is a high potency and selectivity agonist for D-2 receptor with Ki of 0.69 nM.
- **Purity:** 97.76%
- **Clinical Data:** No Development Reported
- **Size:** 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg

### Risperidone

**(R 64 766)**  
**Cat. No.: HY-11018**

- **Bioactivity:** Risperidone is a serotonin 5-HT2 receptor blocker, P-Glycoprotein inhibitor and potent dopamine D2 receptor antagonist, with Ks of 4.8, 5.9 nM for 5-HT2A and dopamine D2 receptor, respectively.
- **Purity:** 99.16%
- **Clinical Data:** Launched
- **Size:** 10 mg, 50 mg, 100 mg

### Risperidone hydrochloride

**(R 64 766 hydrochloride)**  
**Cat. No.: HY-11018A**

- **Bioactivity:** Risperidone hydrochloride is a serotonin 5-HT2 receptor blocker and a potent dopamine D2 receptor antagonist, with Ks of 0.16, 1.4 nM for 5-HT2 and D2 receptor, respectively.
- **Purity:** >98%
- **Clinical Data:** Launched
- **Size:** 10 mg, 50 mg, 100 mg

### Risperidone mesylate

**(R 64 766 mesylate)**  
**Cat. No.: HY-11018B**

- **Bioactivity:** Risperidone mesylate(R 64 766 mesylate) is a serotonin 5-HT2 receptor blocker(Kir= 0.16 nM) and a potent dopamine D2 receptor antagonist(Kir= 1.4 nM).
- **Purity:** >98%
- **Clinical Data:** Launched
- **Size:** 10 mg, 50 mg, 100 mg

### Ropinirole hydrochloride

**(SKF 101468 hydrochloride)**  
**Cat. No.: HY-B0623A**

- **Bioactivity:** Ropinirole hydrochloride(SKF101468 hydrochloride) a selective dopamine D2 receptor inhibitor with IC50 of 29 nM.
- **Purity:** 99.93%
- **Clinical Data:** Launched
- **Size:** 10mM x 1mL in DMSO, 50 mg, 100 mg, 200 mg

### Rotigotine

**Cat. No.: HY-75502**

- **Bioactivity:** Rotigotine is a full agonist of dopamine receptor, a partial agonist of the 5-HT1A receptor, and an antagonist of the a2B-adrenergic receptor, with Ks of 0.71nM, 4-15nM, and 83nM for the dopamine D3 receptor and D2, D5, D4 receptors, and dopamine D1 receptor.
- **Purity:** 99.98%
- **Clinical Data:** Launched
- **Size:** 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg

### Rotigotine D7 Hydrochloride

**(N-0923 D7 Hydrochloride)**  
**Cat. No.: HY-A0007S**

- **Bioactivity:** Rotigotine D7 Hydrochloride is the deuterium labeled Rotigotine(N-0923), which is a dopamine D2 and D3 receptor agonist.
- **Purity:** >98%
- **Clinical Data:** No Development Reported
- **Size:** 1 mg, 5 mg, 10 mg

### Rotigotine Hydrochloride

**(Rotigotine HCl)**  
**Cat. No.: HY-A0007**

- **Bioactivity:** Rotigotine Hydrochloride is a full agonist of dopamine receptor, a partial agonist of the 5-HT1A receptor, and an antagonist of the a2B-adrenergic receptor, with Ks of 0.71nM, 4-15nM, and 83nM for the dopamine D3 receptor and D2, D5, D4 receptors, and dopamine D1 receptor.
- **Purity:** 99.99%
- **Clinical Data:** Launched
- **Size:** 10mM x 1mL in DMSO, 50 mg, 100 mg, 200 mg, 500 mg
| **Rotundine**  
\((\text{(-)-Tetrahydropalmatine; L-Tetrahydropalmatine})\) | **SB 277011A dihydrochloride**  
\(\text{Cat. No.: HY-N0096}\) \(\text{Cat. No.: HY-10847A}\) |
<table>
<thead>
<tr>
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<tbody>
<tr>
<td><strong>Bioactivity:</strong> Rotundine is an antagonist of dopamine D1, D2, and D3 receptors with IC(<em>{50}) of 166 nM, 1.4 μM and 3.3 μM, respectively. Rotundine is also an antagonist of 5-HT(</em>{1A}) with an IC(_{50}) of 370 nM.</td>
<td><strong>Bioactivity:</strong> SB 277011A dihydrochloride is a potent, selective, orally bioavailable and brain penetrant dopamine D(<em>3) receptor antagonist, with pK(</em>{a}) of 8.0, 6.0, &lt;5.2 and 5.9 for D(<em>3), D(<em>2), 5-HT(</em>{1D}) and 5-HT(</em>{1B}) receptors, respectively.</td>
</tr>
<tr>
<td><strong>Purity:</strong> &gt;98%</td>
<td><strong>Purity:</strong> &gt;98%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong> Launched</td>
<td><strong>Clinical Data:</strong> No Development Reported</td>
</tr>
<tr>
<td><strong>Size:</strong> 10mM x 1mL in DMSO, 50 mg</td>
<td><strong>Size:</strong> 250 mg, 500 mg</td>
</tr>
</tbody>
</table>

| **SB-277011**  
\((\text{SB-277011A})\) | **SB269652**  
\(\text{Cat. No.: HY-10847}\) \(\text{Cat. No.: HY-12324}\) |
<table>
<thead>
<tr>
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<tbody>
<tr>
<td><strong>Bioactivity:</strong> SB-277011 is a potent and selective dopamine D3 receptor antagonist (pKi values are 8.0, 6.0, 5.0 and &lt;5.2 for D3, D2, 5-HT(<em>{1D}) and 5-HT(</em>{1B}) respectively); brain penetrant.</td>
<td><strong>Bioactivity:</strong> SB269652 is the first drug-like allosteric modulator of the dopamine D2 receptor (D2R), a new chemical probe that can differentiate D2R monomers from dimers or oligomers depending on the observed pharmacology.</td>
</tr>
<tr>
<td><strong>Purity:</strong> &gt;98%</td>
<td><strong>Purity:</strong> &gt;98%</td>
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<tr>
<td><strong>Clinical Data:</strong> No Development Reported</td>
<td><strong>Clinical Data:</strong> No Development Reported</td>
</tr>
<tr>
<td><strong>Size:</strong> 5 mg, 10 mg, 50 mg</td>
<td><strong>Size:</strong> 5 mg, 10 mg, 50 mg, 100 mg</td>
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</tbody>
</table>

| **SCH 23390 hydrochloride**  
\((\text{R-(-)-SCH23390 hydrochloride})\) | **Sertindole**  
\((\text{Lu 23-174})\)  
\(\text{Cat. No.: HY-19545A}\) \(\text{Cat. No.: HY-14543}\) |
<table>
<thead>
<tr>
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<tbody>
<tr>
<td><strong>Bioactivity:</strong> SCH 23390 hydrochloride is a potent dopamine receptor D1 antagonist with K(_i) values of 0.2 and 0.3 nM for the D1 and D5.</td>
<td><strong>Bioactivity:</strong> Sertindole, a neuroleptic, is one of the newer antipsychotic medications available. Target: Multi-target In vitro studies showed that sertindole exerts a potent antagonism at serotonin 5-HT2A, 5-HT2C, dopamine D2, and αl adrenergic receptors. Sertindole offers an alternative treatment option for...</td>
</tr>
<tr>
<td><strong>Purity:</strong> 99.31%</td>
<td><strong>Purity:</strong> 96.14%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong> No Development Reported</td>
<td><strong>Clinical Data:</strong> Launched</td>
</tr>
<tr>
<td><strong>Size:</strong> 10 mg, 50 mg</td>
<td><strong>Size:</strong> 10 mg, 50 mg</td>
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</table>

| **SKF 38393 hydrochloride**  
\((\text{1s,SKF-38393 hydrochloride; SKF-38393A})\) | **SKF 82958**  
\((\text{1s,SKF 82958; Chloro-AP})\)  
\(\text{Cat. No.: HY-12520A}\) \(\text{Cat. No.: HY-10435}\) |
<table>
<thead>
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<tbody>
<tr>
<td><strong>Bioactivity:</strong> SKF 38393 hydrochloride is a D1 agonist with IC50 of 110 nM. IC50 value: 11.0 nM [1] Target: D1 agonist in vitro SKF 38393 hydrochloride is a benzazepine selective agonist of the D1DR (dopamine D1 receptor). Agonism of the D1DR by SKF 38393 is correlated to induced desynchronization of...</td>
<td><strong>Bioactivity:</strong> SKF 82958 is a D1/DS receptor full agonist. IC50 value: Target: D1/DS receptor in vitro: Neuropeptide and immediate early gene expression in striatonigral neurons of the normosensitive striatum is induced by mixed D1 receptor SKF-82958, which induces behavioral activity and...</td>
</tr>
<tr>
<td><strong>Purity:</strong> 99.49%</td>
<td><strong>Purity:</strong> &gt;98%</td>
</tr>
<tr>
<td><strong>Clinical Data:</strong> No Development Reported</td>
<td><strong>Clinical Data:</strong> No Development Reported</td>
</tr>
<tr>
<td><strong>Size:</strong> 10mM x 1mL in DMSO, 50 mg, 100 mg</td>
<td><strong>Size:</strong> 5 mg, 10 mg, 25 mg, 50 mg, 100 mg</td>
</tr>
</tbody>
</table>

| **SKF-82958 hydrobromide**  
\((\text{1s,SKF 82958 hydrobromide; Chloro-APB hydrobromide})\) | **ST-836**  
\(\text{Cat. No.: HY-15238}\) |
<table>
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<tr>
<td><strong>Bioactivity:</strong> SKF 82958 hydrobromide is a D1/DS receptor full agonist. IC50 value: Target: D1/DS receptor in vitro: Neuropeptide and immediate early gene expression in striatonigral neurons of the normosensitive striatum is induced by mixed D1 receptor SKF-82958, which induces behavioral activity and...</td>
<td><strong>Bioactivity:</strong> ST-836 is a dopamine receptor ligand; Antiparkinsonian agent.</td>
</tr>
<tr>
<td><strong>Purity:</strong> 99.95%</td>
<td><strong>Purity:</strong> &gt;98%</td>
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<td><strong>Clinical Data:</strong> No Development Reported</td>
<td><strong>Clinical Data:</strong> No Development Reported</td>
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<tr>
<td><strong>Size:</strong> 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg</td>
<td><strong>Size:</strong> 5 mg, 10 mg, 50 mg</td>
</tr>
<tr>
<td>Drug Name</td>
<td>Cat. No.</td>
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<tr>
<td>------------------------</td>
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<tr>
<td>ST-836 hydrochloride</td>
<td>HY-15238A</td>
</tr>
<tr>
<td>Sulpiride</td>
<td>HY-B1019A</td>
</tr>
<tr>
<td>Sultopride</td>
<td>HY-42849A</td>
</tr>
<tr>
<td>Sultopride hydrochloride</td>
<td>HY-42849A</td>
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<tr>
<td>Sumanirole maleate</td>
<td>HY-70081A</td>
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<td>Talipexole</td>
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<td>Tetrahydroberberine</td>
<td>HY-N0925</td>
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<td>Tetrahydropalmatine</td>
<td>HY-N0300</td>
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<tr>
<td>Thioridazine hydrochloride</td>
<td>HY-80965</td>
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<tr>
<td>Tiapride hydrochloride</td>
<td>HY-B1196</td>
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</table>
Trifluoperazine dihydrochloride (TFP; SKF5019)  
Cat. No.: HY-B0532A

Bioactivity: Trifluoperazine Dihydrochloride is a potent dopamine D2 receptor inhibitor used as an antipsychotic and an antiemetic.

Purity: 99.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg

Triflupromazine hydrochloride  
Cat. No.: HY-B0909

Bioactivity: Triflupromazine hydrochloride is an antipsychotic medication, which are Dopamine D1/D2 receptor antagonists.

Purity: 99.94%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg

Trimethobenzamide hydrochloride (Ro 2-9578)  
Cat. No.: HY-12751A

Bioactivity: Trimethobenzamide hydrochloride is a blocker of the D2 receptor. Trimethobenzamide is an antiemetic used to prevent nausea and vomiting.

Purity: 99.70%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 10 mg, 200 mg, 500 mg

U91356  
Cat. No.: HY-U00227

Bioactivity: U91356 is a dopamine receptor agonist.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg, 20 mg

Veralipride ((±)-Veralipride; LIR166)  
Cat. No.: HY-101797

Bioactivity: Veralipride is a D2 receptor antagonist. It is an alternative antidopaminergic treatment for menopausal symptoms.

Purity: 99.12%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 2 mg, 5 mg, 10 mg, 50 mg, 100 mg

Ziprasidone (CP-88059)  
Cat. No.: HY-14542

Bioactivity: Ziprasidone (CP88059) is a combined 5-HT (serotonin) and dopamine receptor antagonist which exhibits potent effects of antipsychotic activity.

Purity: >98%
Clinical Data: Launched
Size: 10 mg, 50 mg

Ziprasidone D8 (CP-88059 D8)  
Cat. No.: HY-14542S

Bioactivity: Ziprasidone D8 is deuterium labeled Ziprasidone, which is a combined 5-HT (serotonin) and dopamine receptor antagonist which exhibits potent effects of antipsychotic activity.

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

Ziprasidone hydrochloride (CP 88059 hydrochloride)  
Cat. No.: HY-17407

Bioactivity: Ziprasidone HCl(CP-88059 Hcl) is a combined 5-HT (serotonin) and dopamine receptor antagonist which exhibits potent effects of antipsychotic activity.

Purity: >98%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg

Ziprasidone hydrochloride monohydrate (CP 88059)  
Cat. No.: HY-17407

Bioactivity: Ziprasidone(CP88059) is a combined 5-HT (serotonin) and dopamine receptor antagonist which exhibits potent effects of antipsychotic activity.

Purity: 98.29%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg

Zuclopenthixol ((Z)-Clopenthixol)  
Cat. No.: HY-A0163

Bioactivity: Zuclopenthixol is a thioxanthene derivative which acts as a mixed dopamine D1/D2 receptor antagonist.

Purity: 98.80%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg