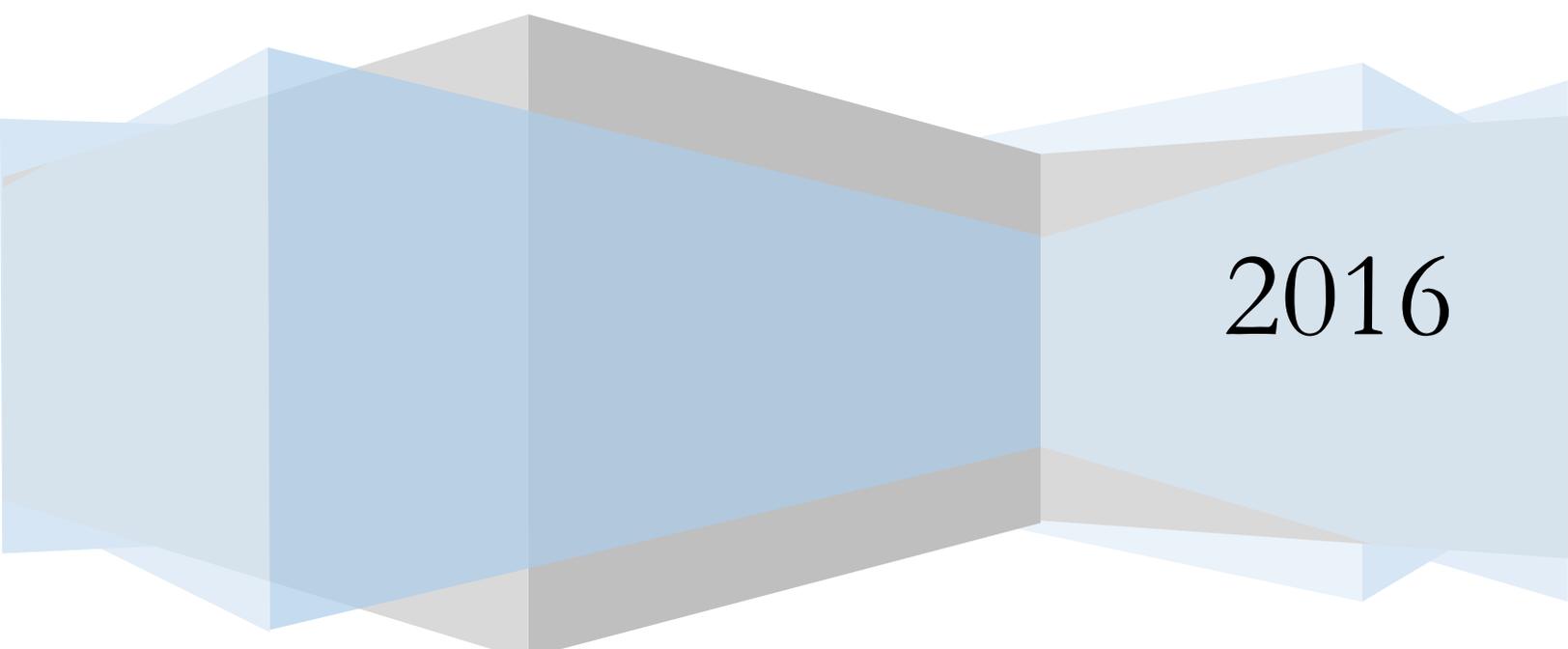


**Yuhao Chemical**

# Inhibitor Catalog

**Inhibitors, Modulators**

Chemical Expert, Custom Synthesis



2016

Cat. No.: LL2340; Amprenavir,  $\geq 98\%$ 

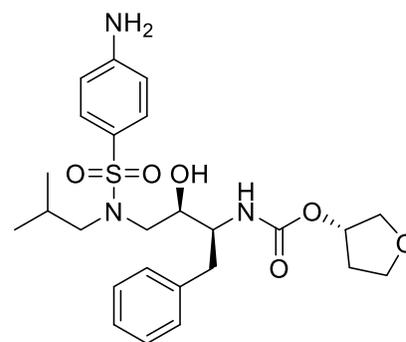
CAS: 161814-49-9

(3S)-oxolan-3-yl N-[(2S,3R)-3-hydroxy-4-[N-(2-methylpropyl)(4-aminobenzene)sulfonamide]-1-phenybutan-2-yl]carbamate

Amprenavir is an HIV protease inhibitor ( $IC_{50} = 14.6$  ng/mL).

Size

5 mg, 25 mg, 50 mg, 200 mg

Cat. No.: LX4002; (-)-Nicotine ditartrate  $\geq 98\%$ 

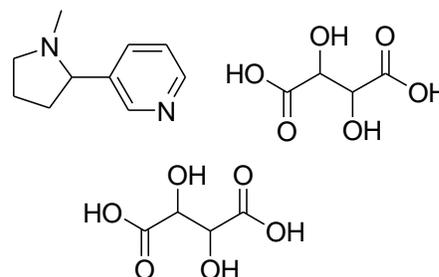
CAS: 65-31-6

(S)-(-)-1-Methyl-2-(3-pyridyl)pyrrolidine (+)-ditartrate salt

(-)-Nicotine ditartrate is Nicotinic acetylcholine receptor (nAChR) agonist ( $K_i$  values are 1, > 1000, 4000 and 7130 nM at  $\alpha 4\beta 2$ ,  $\alpha 1\beta 1\delta \gamma$ , rat  $\alpha 7$  and human  $\alpha 7$  respectively).

Size

5 mg, 25 mg, 50 mg, 200 mg

Cat. No.: CJ3105; (+)-MK 801 Maleate  $\geq 98\%$ 

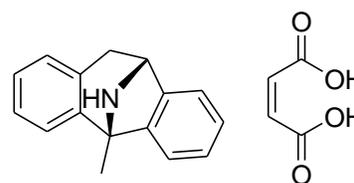
CAS: 77086-22-7

(5S,10R)-(+)-5-Methyl-10,11-dihydro-5H-dibenzo[a,d]cyclohepten-5,10-imine maleate

(+)MK 801 Maleate is a selective and non-competitive NMDA receptor antagonist. It binds to a site within NMDA associated ion channel and thus prevents  $Ca^{2+}$  flux.

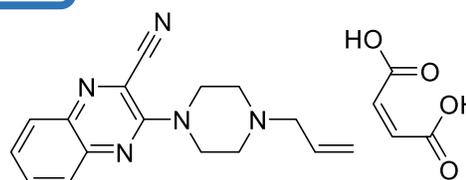
Size

10 mg, 100 mg

Cat. No.: CJ3203; 3-AQC  $\geq 98\%$ 

CAS: 149685-89-2

3-(4-allylpiperazin-1-yl)quinoxaline-2-carbonitrile maleate



3-AQC is a potent and selective antagonist of the 5-HT<sub>3A</sub> channel. 3-AQC is a derivative of Piperazinyquinoxaline synthetically designed to be 100 times more potent in blocking Serotonin receptors than Tropicamterolololol.

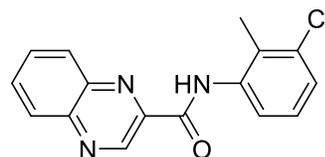
Size

10 mg, 100 mg

Cat. No.: CJ3345; 4i ≥ 98%

CAS: 930478-88-9

N-(3-chloro-2-methylphenyl)quinoxaline-2-carboxamide



4i is a 5HT<sub>3</sub> antagonist.

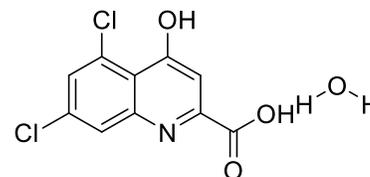
Size

10 mg, 100 mg

Cat. No.: CJ3358; DCKA

CAS: 190908-40-8

5,7-Dichloro-4-hydroxyquinoline-2-carboxylic acid monohydrate



DCKA is a potent excitatory amino acid receptor antagonist; active at the strychnine-insensitive glycine binding site of the NMDA glutamate receptor.

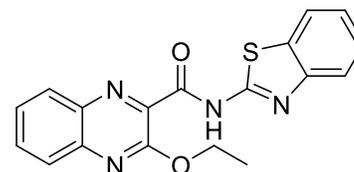
Size

25 mg, 100 mg, 500 mg

Cat. No.: CJ3309; 6k ≥ 98%

CAS:

N-(benzo[d]thiazol-2-yl)-3-ethoxyquinoxalin-2-carboxamide



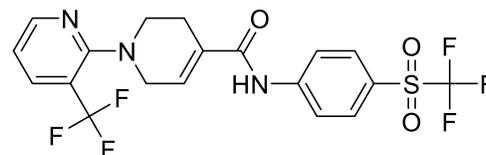
6k is a novel 5-HT<sub>3</sub> receptor antagonist.

Size

10 mg, 100 mg

Cat. No.: CJ3393; A 784168 ≥ 98%

CAS: 824982-41-4

3,6-Dihydro-3'-(trifluoromethyl)-N-[4-[(trifluoromethyl)sulfonyl]phenyl]-[1(2*H*),2'-bipyridine]-4-carboxamideA 784168 is TRPV1 antagonist ( $IC_{50} = 25$  nM for inhibition of TRPV1 activation by 50 nM capsaicin).

Size

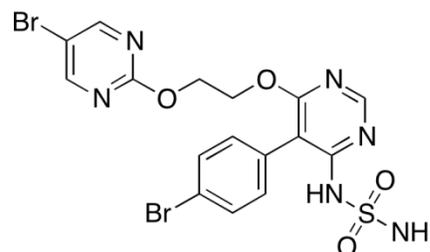
10 mg, 100 mg

Cat. No.: CJ3428; Despropyl Macitentan  $\geq 98\%$ 

CAS: 1103522-45-7

N-[5-(4-Bromophenyl)-6-[2-[(5-bromo-2-pyrimidinyl)oxy]ethoxy]-4-pyrimidinyl]-sulfamide

Despropyl-macitentan, is an active metabolite which is part of a family of endothelin receptor antagonist that allows for treatment of pulmonary arterial hypertension (PAH).



Size

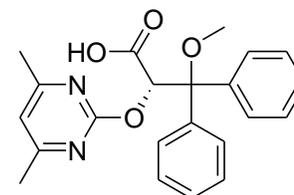
25 mg, 100 mg

Cat. No.: JZ1234; Ambrisentan  $\geq 98\%$ 

CAS: 177036-94-1

(2*S*)-2-[(4,6-dimethylpyrimidin-2-yl)oxy]-3-methoxy-3,3-diphenylpropanoic acid

Ambrisentan is a type A endothelin receptor antagonist.



Size

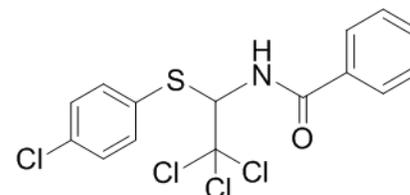
10 mg, 100 mg

Cat. No.: CJ3395; AMG-9090  $\geq 95\%$ 

CAS: 118215-82-0

N-[2,2,2-trichloro-1-(4-chlorophenyl)sulfanylethyl]benzamide

AMG9090 is TRPA1 and TRPV1 antagonist.



Size

10 mg, 200 mg

Cat. No.: CJ3265; Linoleylethanolamide  $\geq 98\%$

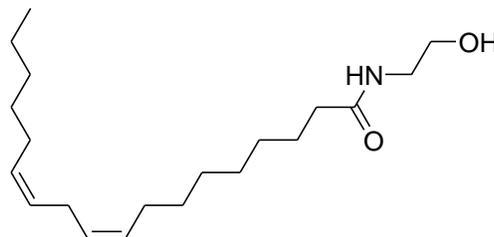
CAS: 68171-52-8

N-(2-hydroxyethyl)-9Z,12Z-octadecadienamide

Linoleylethanolamide is an endocannabinoid that also binds to TRPV1 ( $K_i = 5.60 \mu\text{M}$ ).

Size

10 mg, 50 mg, 100 mg



Cat. No.: CJ3440; AZD9291 Mesylate  $\geq 98\%$

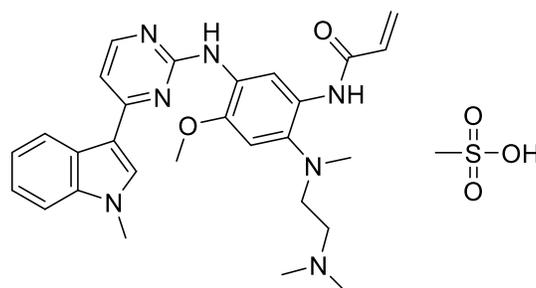
CAS: 1421373-66-1

N-[2-[[2-(Dimethylamino)ethyl]methylamino]-4-methoxy-5-[[4-(1-methyl-1H-indol-3-yl)-2-pyrimidinyl]amino]phenyl]-2-propenamide methanesulfonate

AZD-9291 is a third-generation EGFR inhibitor.

Size

200 mg, 1 g, 2 g



Cat. No.: CJ3426; BMS 182874 Hydrochloride  $\geq$

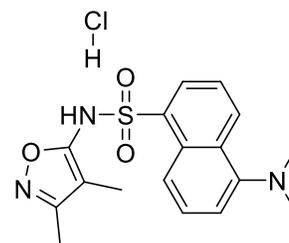
CAS: 1215703-04-0

5-(Dimethylamino)-N-(3,4-dimethyl-5-isoxazolyl)-1-naphthalenesulfonamide hydrochloride

BMS 182874 Hydrochloride is competitive non-peptide endothelin  $\text{ET}_A$  receptor antagonist ( $K_i = 48 \text{ nM}$ ).

Size

10 mg, 25 mg, 100 mg

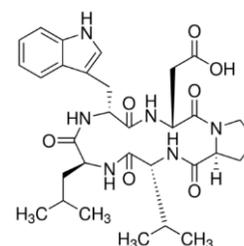


Cat. No.: CJ3423; BQ-123  $\geq 98\%$

CAS: 136553-81-6

2-[(3R,6R,9S,12R,15S)-6-(1H-indol-3-ylmethyl)-9-(2-methylpropyl)-2,5,8,11,14-pentaoxo-12-propan-2-yl-1,4,7,10,13-pentazabicyclo[13.3.0]octadecan-3-yl]acetic acid

BQ-123 is a selective  $\text{ET}_A$  endothelin receptor antagonist.



Size

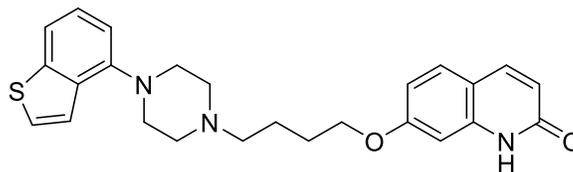
1 mg, 5 mg, 10 mg

**Cat. No.: LX1071; Brexpiprazole  $\geq$  98%**

CAS: 913611-97-9

7-{4-[4-(1-benzothiophen-4-yl)piperazin-1-yl]butoxy}quinolin-2(1H)-one

Brexpiprazole is a typical antipsychotic drug. It is a D2 dopamine partial agonist called serotonin-dopamine activity modulator (SDAM).



Size

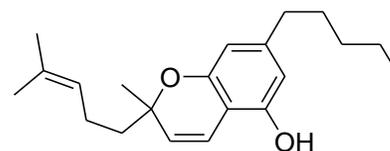
10 mg, 100 mg, 200 mg

**Cat. No.: CJ3279; Cannabichromene  $\geq$  98%**

CAS: 20675-51-8

2-Methyl-2-(4-methylpent-3-enyl)-7-pentyl-5-chromenol

Cannabichromene is transient receptor potential (TRP) channels agonist of the vanilloid type-1 ( $EC_{50} = 24.2 \mu\text{M}$ ) and of the ankyrin type-1 ( $EC_{50} = 90 \text{ nM}$ ) and inhibits proteins that facilitate anandamide inactivation ( $IC_{50} = 12.3 \mu\text{M}$ ).



Size

10 mg, 25 mg, 50 mg

**Cat. No.: CJ3397; Clobenpropit Dihydrobromide**

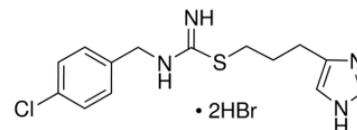
CAS: 145231-35-2

N-[(4-chlorophenyl)methyl]-3-(1H-imidazol-5-yl)propyl ester, carbamimidothioic acid, dihydrobromide

Clobenpropit dihydrobromide is a selective histamine H3 receptor antagonist and inhibits histamine binding in rat brain with an  $ED_{50}$  value of 10.5 mg/kg.

Size

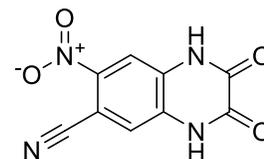
5 mg, 10 mg, 25 mg, 100 mg

**Cat. No.: LX1026; CNQX  $\geq$  98%**

CAS: 115066-14-3

1,2,3,4-tetrahydro-7-nitro-2,3-dioxo-6-quinoxalinecarbonitrile

CNQX is a competitive, non-NMDA glutamate receptor antagonist ( $IC_{50}$ s = 0.3 and 1.5  $\mu$ M for AMPA and kainate receptors, respectively, vs  $IC_{50}$  = 25  $\mu$ M for NMDA receptors).



Size

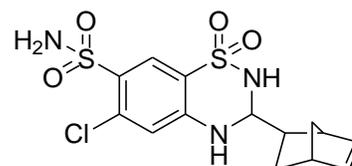
10 mg, 100 mg, 200 mg

**Cat. No.: CJ3070; Cyclothiazide  $\geq$  95%**

CAS: 2259-96-3

1,1-dioxide 3-bicyclo[2.2.1]hept-5-en-2-yl-6-chloro-3,4-dihydro-2H-1,2,4-benzothiadiazine-7-sulfonamide

Cyclothiazide is a benzothiadiazide that acts as a potentiator of AMPA receptors, positively modulating its response to glutamic acid ( $EC_{50}$  = 3.8  $\mu$ M).



Size

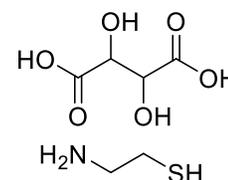
10 mg, 25 mg, 50 mg

**Cat. No.: LX2357; Cysteamine tartrate  $\geq$  95%**

CAS: 27761-19-9

2-aminoethane-1-thiol 2,3-dihydroxysuccinate

Cysteamine tartrate is used for the treatment of children and adults with kidney disease type cystinosis.



Size

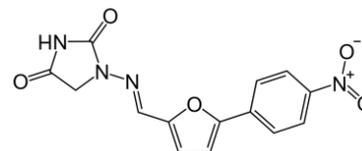
10 mg, 25 mg, 50 mg

**Cat. No.: CJ3355; Dantrolene  $\geq$  98%**

CAS: 14663-23-1

1-[[[5-(4-nitrophenyl)-2-furanyl]methylene]amino]-2,4-imidazolidinedione, monosodium salt

Dantrolene is a skeletal muscle relaxant that depresses excitation-contraction coupling in skeletal muscle by binding to the type 1 ryanodine receptor and decreasing free intracellular calcium concentration.



Size

500 mg, 1 g, 5 g

**Cat. No.: LX3009; Deferasirox  $\geq$  98%**

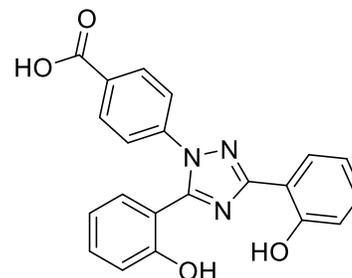
CAS: 201530-41-8

4-[3,5-bis(2-hydroxyphenyl)-1H-1,2,4-triazol-1-yl]-benzoic acid

Deferasirox is a synthetic, tridentate iron-selective chelator that dramatically reduces iron in the liver and blood.

Size

10 mg, 50 mg, 100 mg

**Cat. No.: LX1022; DNQX  $\geq$  98%**

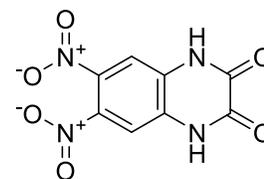
CAS: 2379-57-9

1,4-dihydro-6,7-dinitro-2,3-quinoxalinedione

DNQX is a competitive, non-NMDA glutamate receptor antagonist ( $IC_{50}$ s = 0.5 and 0.1  $\mu$ M for AMPA and kainate receptors, respectively *versus*  $IC_{50}$  = 40  $\mu$ M for NMDA receptors).

Size

10 mg, 25 mg, 50 mg

**Cat. No.: RT2171; DQP-1105  $\geq$  98%**

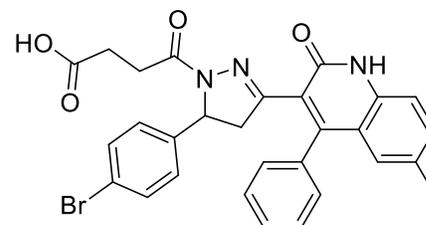
CAS: 380560-89-4

5-(4-Bromophenyl)-3-(1,2-dihydro-6-methyl-2-oxo-4-phenyl-3-quinoliny)-4,5-dihydro- $\gamma$ -oxo-1H-pyrazole-1-butanoic acid

DQP-1105 is Noncompetitive NMDA receptor antagonist;  $IC_{50}$  values for GluN2D- and GluN2C-containing receptors are 2.7 and 8.5  $\mu$ M respectively.

Size

10 mg, 50 mg, 100 mg

**Cat. No.: CJ3334; EMD66684  $\geq$  95%**

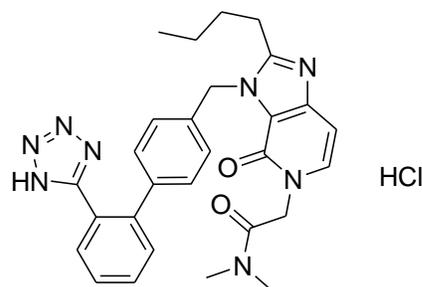
CAS: 187683-79-0

2-Butyl-3,4-dihydro-*N,N*-dimethyl-4-oxo-3-[[2'-(1*H*-tetrazol-5-yl)[1,1'-biphenyl-4-yl]methyl]-5*H*-imidazo[4,5-*c*]pyridine-5-acetamide hydrochloride

EMD 66684 is a potent, selective nonpeptide AT1 receptor antagonist.

Size

10 mg, 50 mg, 100 mg

Cat. No.: LX1019; Hexamethonium bromide  $\geq$ 

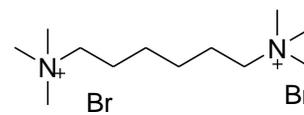
CAS: 55-97-0

*N,N,N,N',N',N'*-Hexamethylhexamethylenediammonium dibromide

Hexamethonium bromide is a Nicotinic receptor (nAChR) blocker at autonomic ganglia; prevents nicotine-mediated inhibition of apoptosis.

Size

200 mg, 2 g, 5 g

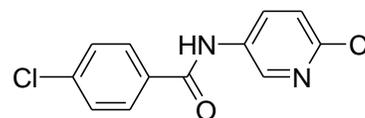
Cat. No.: CJ3344; ICA 11038  $\geq$  98%

CAS: 325457-99-6

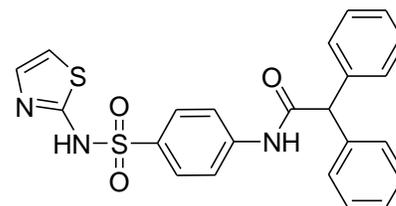
4-Chloro-*N*-(6-chloro-3-pyridinyl)benzamideICA 11038 is  $K_V7.2/7.3$  activator ( $EC_{50} = 0.38 \mu\text{M}$ ). Decreases neuronal excitability in CA1 hippocampal neurons.

Size

10 mg, 25 mg, 100 mg

Cat. No.: CJ3336; ICA 121431  $\geq$  98%

CAS: 313254-51-2

 $\alpha$ -Phenyl-*N*-[4-[(2-thiazolylamino)sulfonyl]phenyl]benzeneacetamideICA 121431 is a potent and selective inhibitor of human  $Na_V1.3$  and  $Na_V1.1$  channels ( $IC_{50}$  values are 13 and 23 nM respectively).

Size

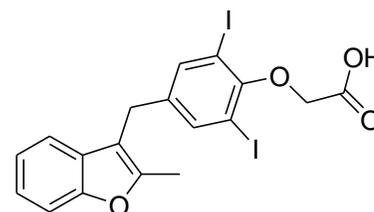
25 mg, 50 mg, 100 mg

Cat. No.: LX3339; KB 130015  $\geq$  98%

CAS: 147030-48-6

2-[2,6-diiodo-4-[(2-methyl-1-benzofuran-3-yl)methyl]phenoxy]acetic acid

KB 130015 is novel activator of hERG1 potassium channels, blocking native and recombinant hERG1 channels at high voltages, but activating them at low voltages.



Size

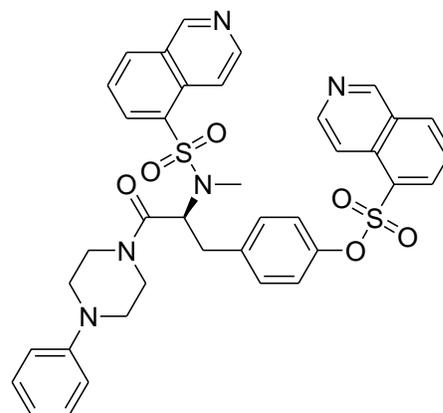
25 mg, 100 mg, 500 mg

Cat. No.: CJ3119; KN-62  $\geq$  98%

CAS: 127191-97-3

4-[(2S)-2-[(5-isoquinolinylsulfonyl)methylamino]-3-oxo-3-(4-phenyl-1-piperaziny)propyl]phenyl ester, 5-isoquinolinesulfonic acid

KN-62 is a selective, cell permeable inhibitor of  $\text{Ca}^{2+}$ /calmodulin-dependent kinase type II (CaMKII;  $\text{IC}_{50}$  = 900 nM).



Size

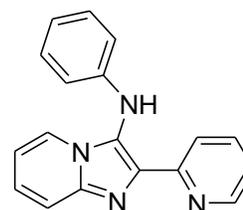
10 mg, 25 mg, 100 mg

Cat. No.: CJ3348; LASSBio-1135  $\geq$  98%

CAS: 852453-71-5

Phenyl-(2-pyridin-2-yl-imidazo[1,2-a]pyridin-3-yl)-amine

LASSBio-1135 is a synthetic antagonist of TRPV1 channels and a blocker of TNF- $\alpha$  channels.



Size

5 mg, 10 mg, 100 mg

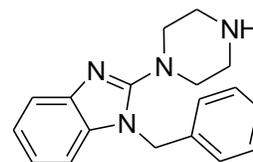
Cat. No.: CJ3307; Lerisetron  $\geq$  98%

CAS: 143257-98-1

1-benzyl-2-piperazin-1-yl-1H-benzimidazole

---

Lerisetron inhibits the 5-HT-induced Bezold-Jarisch reflex ( $pK_i = 9.2$ ).



Size

25 mg, 100 mg, 500 mg

---

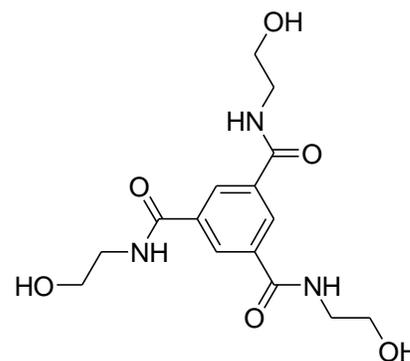
Cat. No.: RT0817; LM 22A4  $\geq 98\%$

CAS: 37988-18-4

*N,N',N''*Tris(2-hydroxyethyl)-1,3,5-benzenetricarboxamide

---

LM 22A4 is Potent tropomyosin-related kinase B (TrkB) agonist ( $IC_{50} = 47$  nM).



Size

10 mg, 25 mg, 100 mg

---

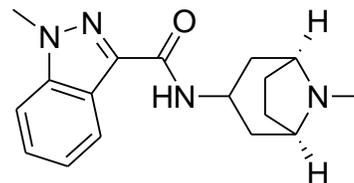
Cat. No.: CJ3315; LY278584  $\geq 98\%$

CAS: 119193-37-2

1-methyl-N-(8-methyl-8-azabicyclo(3.2.1)oct-3-yl)-1H-indazole-3-carboxamide

---

LY278584, is Potent 5-HT<sub>3</sub> serotonin receptor antagonist.



Size

5 mg, 10 mg, 100 mg

---

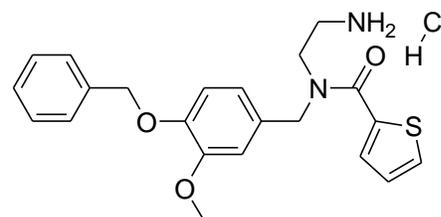
Cat. No.: CJ3350; M8-B Hydrochloride  $\geq 98\%$

CAS: 883976-12-3

*N*-(2-Aminoethyl)-*N*-[[3-methoxy-4-(phenylmethoxy)phenyl]methyl]-2-thiophenecarboxamide hydrochloride

---

M8-B Hydrochloride Blocks cold- and icilin-induced TRPM8 activation *in vitro* ( $IC_{50}$  values are 7.8 and 26.9 nM respectively).



Size

10 mg, 50 mg, 100 mg

---

Cat. No.: CJ3308; MCI-225  $\geq$  95%

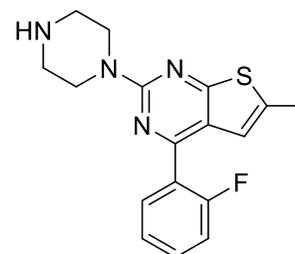
CAS: 135991-48-9

4-(2-fluorophenyl)-6-methyl-2-piperazin-1-ylthieno[2,3-d]pyrimidine

MCI-225 is a selective NA reuptake inhibitor with 5-HT<sub>3</sub> receptor antagonist.

Size

10 mg, 25 mg, 100 mg



Cat. No.: LX1024; MPEP HCl  $\geq$  98%

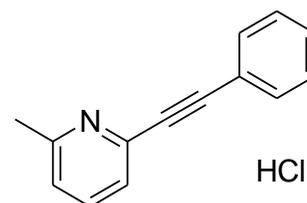
CAS: 96206-92-7

2-Methyl-6-(phenylethynyl)pyridine hydrochloride

MPEP HCl is a selective non-competitive antagonist at the mGlu5 receptor subtype ( $IC_{50}$  = 36 nM) and a positive allosteric modulator at mGlu4 receptors.

Size

10 mg, 25 mg, 100 mg



Cat. No.: CJ3289; MRS1477  $\geq$  95%

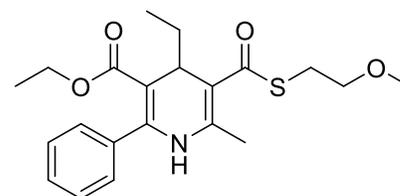
CAS: 212200-21-0

4-Ethyl-1,4-dihydro-5-[[2-methoxyethylthio]carbonyl]-6-methyl-2-phenyl-3-pyridinecarboxylic acid ethyl ester

MRS1477 is TRPV1 positive allosteric modulator.

Size

10 mg, 50 mg, 100 mg



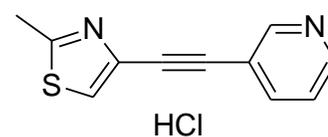
Cat. No.: LX1027; MTEP HCl  $\geq$  95%

CAS: 1186195-60-7

3-((2-Methyl-1,3-thiazol-4-yl)ethynyl)pyridine hydrochloride

MTEP HCl is a selective and non-competitive mGlu5 antagonist ( $IC_{50}$  = 5 nM in  $Ca^{2+}$ -flux assay;  $K_i$  = 16 nM).

Size



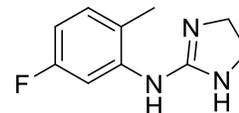
10 mg, 25 mg, 100 mg

Cat. No.: LX1072; Flutonidine  $\geq$  98%

CAS: 28125-87-3

N-(5-fluoro-2-methylphenyl)-4,5-dihydro-1H-imidazol-2-amine

Flutonidine is an alpha-adrenergic agonist.



Size

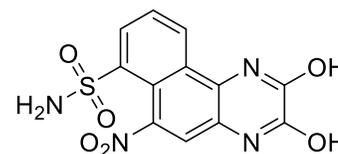
10 mg, 25 mg, 100 mg

Cat. No.: LX1029; NBQX  $\geq$  98%

CAS: 118876-58-7

2,3-Dioxo-6-nitro-1,2,3,4-tetrahydrobenzo[f]quinoxaline -7-sulfonamide

NBQX is selective and competitive AMPA receptor antagonist.



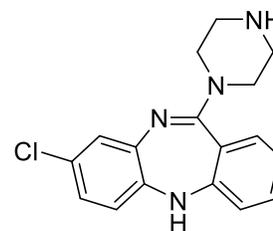
Size

10 mg, 50 mg, 100 mg

Cat. No.: LX1061; N-Desmethylozapine  $\geq$  98%

CAS: 6104-71-8

8-chloro-11-piperazin-1-yl-5H-dibenzo[b,e][1,4]diazepine

N-Desmethylozapine is selective 5-HT<sub>2C</sub> serotonin receptor antagonist.

Size

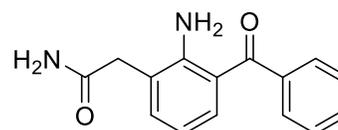
10 mg, 25 mg, 100 mg

Cat. No.: LX2759; Nepafenac  $\geq$  98%

CAS: 78281-72-8

2-amino-3-benzoylbenzeneacetamide

Nepafenac is non-steroidal anti-inflammatory with analgesic activity and a selective COX-2 inhibitor.



Size

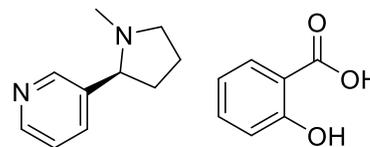
50 mg, 100 mg, 500 mg

**Cat. No.: CJ3290; Nicotine Salicylate  $\geq$  98%**

CAS: 29790-52-1

3-[(2S)-1-Methyl-2-pyrrolidinyl]pyridine 2-Hydroxybenzoic Acid;  
Nicotine Monosalicylate

Nicotine Salicylate is used for treatment of smoking withdrawal syndrome.



Size

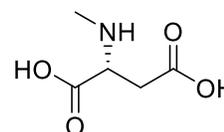
50 mg, 100 mg, 500 mg

**Cat. No.: LT4977; NMDA  $\geq$  98%**

CAS: 6384-92-5

N-Methyl-D-aspartic acid

NMDA is Excitotoxic amino acid. Prototypic agonist at the NMDA-type glutamate receptor.



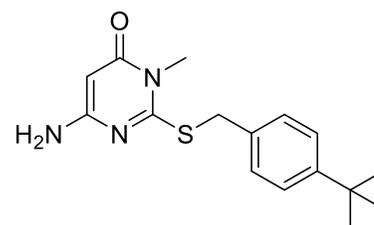
Size

250 mg, 1 g, 5 g

**Cat. No.: CJ3385; N-Me-aminopyrimidinone 9  $\geq$** 

CAS: 1356834-62-2

6-amino-2-[[[4-tert-butylphenyl)methyl]sulfanyl]-3-methyl-3,4-dihydropyrimidin-4-one

Nepafenac is N-Me-aminopyrimidinone 9, is a synthetic blocker of NaV1.7 channel ( $IC_{50}$  of 100 nM).

Size

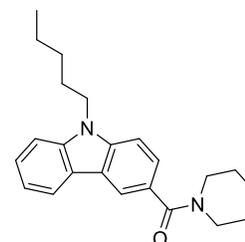
10 mg, 50 mg, 100 mg

**Cat. No.: CJ3386; NMP-7  $\geq$  97%**

CAS: 1358039-07-2

(9-pentylcarbazol-3-yl)-piperidin-1-ylmethanone

NMP-7 is a non-selective agonist of the CB1 and CB2 cannabinoid receptors, and a blocker of T-type calcium channels.



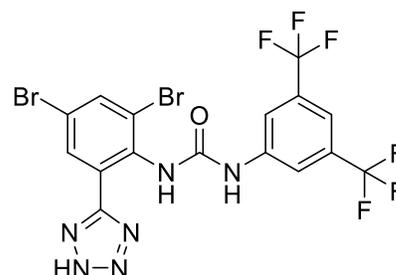
Size  
50 mg, 100 mg, 500 mg

Cat. No.: CJ3342; NS 5806  $\geq$  95%

CAS: 426834-69-7  
*N*-[3,5-Bis(trifluoromethyl)phenyl]-*N'*-[2,4-dibromo-6-(2*H*-  
tetrazol-5-yl)phenyl]urea

NS 5806 is activator of the KV4.3 channel that mediates the  
transient outward K<sup>+</sup> current (I<sub>to</sub>).

Size  
10 mg, 50 mg, 100 mg

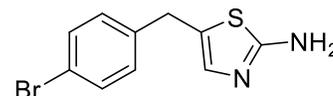


Cat. No.: CJ3354; NS19504  $\geq$  98%

CAS: 327062-46-4  
5-[(4-Bromophenyl)methyl]-2-thiazolamine

NS19504 is selective activator of large-conductance Ca<sup>2+</sup>-  
activated potassium channels (BK<sub>Ca</sub>, K<sub>Ca</sub>1.1) (EC<sub>50</sub> = 11  $\mu$ M).

Size  
10 mg, 50 mg, 100 mg

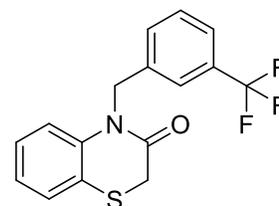


Cat. No.: CJ3337; NS-6180  $\geq$  98%

CAS: 353262-04-1  
4-[[3-(Trifluoromethyl)phenyl]methyl]-2*H*-1,4-benzothiazin-3(4*H*)-  
one

NS-6180 is K<sub>Ca</sub>3.1 channel blocker (IC<sub>50</sub> values are 9, 14 and 15  
nM for rat, human and mouse erythrocyte K<sub>Ca</sub>3.1 channels  
respectively).

Size  
10 mg, 25 mg, 100 mg



Cat. No.: CJ3347; Ononetin  $\geq$  98%

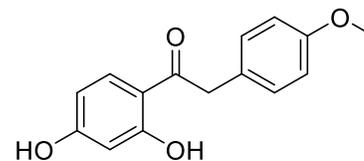
CAS: 487-49-0

1-(2,4-Dihydroxyphenyl)-2-(4-methoxyphenyl)ethanone

Ononetin is a TRPM3 channel blocker ( $IC_{50} = 300$  nM).

Size

100 mg, 500 mg, 1 g

**Cat. No.: CJ3391; Optovin  $\geq$  95%**

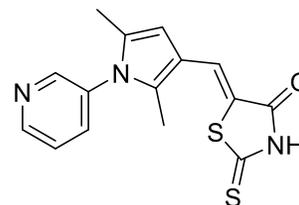
CAS: 348575-88-2

5-[[2,5-Dimethyl-1-(3-pyridinyl)-1H-pyrrol-3-yl]methylene]-2-thioxo-4-thiazolidinone

Optovin is reversible photoactive TRPA1 activator.

Size

10 mg, 50 mg, 100 mg

**Cat. No.: CJ3398; PD-160725 2-hydroxyethanesulfonate 97%**

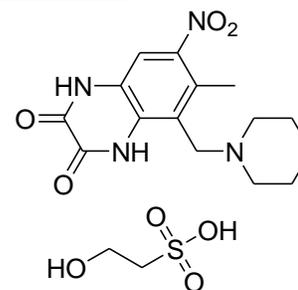
CAS: 186268-11-1 (free base)

2-Hydroxyethanesulfonic Acid 6-methyl-7-nitro-5-(piperidin-1-ylmethyl)-1,4-dihydroquinoxaline-2,3-dione

PD-160725 is an AMPA receptor antagonist.

Size

10 mg, 50 mg, 100 mg

**Cat. No.: CJ3396; PD-161989 2-Hydroxyethanesulfonate 97%**

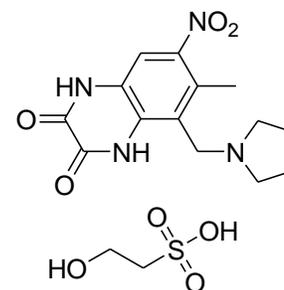
CAS: 1262770-05-7

2-Hydroxyethanesulfonic Acid 1,4-Dihydro-6-methyl-7-nitro-5-(1-pyrrolidinylmethyl)-2,3-quinoxalinedione

PD-161989 is an AMPA receptor antagonist.

Size

10 mg, 50 mg, 100 mg

**Cat. No.: CJ3158; PU 02  $\geq$  98%**

CAS: 313984-77-9

6-[(1-Naphthalenylmethyl)thio]-9H-purine

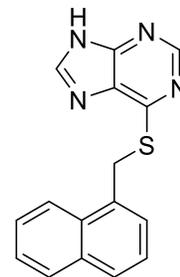
---

PU 02 is a Negative allosteric modulator of 5-HT<sub>3</sub> receptors (IC<sub>50</sub> values are 0.36 and 0.73  $\mu$ M in HEK293 cells transfected with human 5-HT<sub>3A</sub> and 5-HT<sub>3AB</sub> receptors respectively).

Size

10 mg, 25 mg, 100 mg

---



Cat. No.: CJ3346; QO-40  $\geq$  98%

CAS: 1259536-70-3

5-(Chloromethyl)-3-(naphthalen-1-yl)-2-(trifluoromethyl)pyrazolo[1,5-a]pyrimidin-7(4H)-one

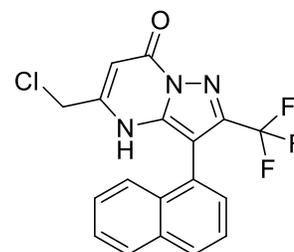
---

QO-40 is Activator of KCNQ2/3 potassium channels.

Size

10 mg, 50 mg, 100 mg

---



Cat. No.: LX1018; QX314.Br  $\geq$  98%

CAS: 21306-56-9

*N*-(2,6-Dimethylphenylcarbamoylmethyl)triethylammonium bromide

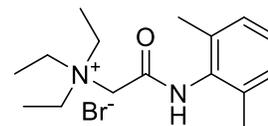
---

QX314.Br is a blocker of voltage-activated Na<sup>+</sup> channels.

Size

100 mg, 500 mg, 1 g

---



Cat. No.: LX1017; QX314.Cl  $\geq$  98%

CAS: 5369-03-9

*N*-(2,6-Dimethylphenylcarbamoylmethyl)triethylammonium Chloride

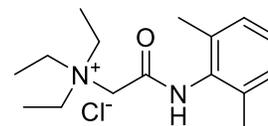
---

QX314.Cl is a blocker of voltage-activated Na<sup>+</sup> channels.

Size

100 mg, 500 mg, 1 g

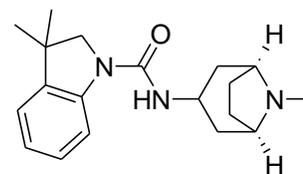
---



Cat. No.: CJ3313; Ricasetron  $\geq$  98%

CAS: 117086-68-7

endo-N-(8-methyl-8-azabicyclo[3.2.1]oct-3-yl)-2,3-dihydro-3,3-dimethyl-indole-1-carboxamide



Ricasetron is selective blocker of 5-HT3 channels.

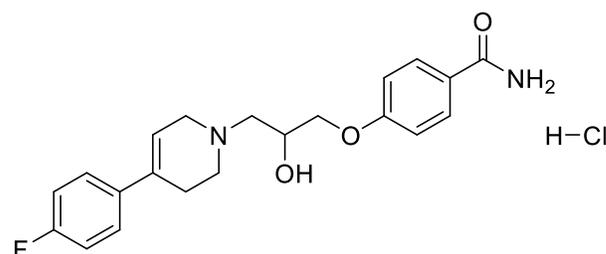
Size

10 mg, 50 mg, 100 mg

Cat. No.: CJ3359; Ro 8-4304 Hydrochloride  $\geq 98\%$ 

CAS: 195988-65-9

4-[3-[4-(4-Fluorophenyl)-1,2,3,6-tetrahydro-1(2H)-pyridinyl]-2-hydroxypropoxy]benzamide hydrochloride

Ro 8-4304 Hydrochloride is a NMDA receptor antagonist ( $IC_{50} = 0.4 \mu M$ ).

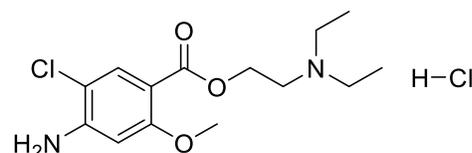
Size

10 mg, 50 mg, 100 mg

Cat. No.: CJ3191; SDZ 205-557 Hydrochloride  $\geq 98\%$ 

CAS: 137196-67-9

4-Amino-5-chloro-2-methoxybenzoic acid 2-(diethylamino)ethyl ester hydrochloride



SDZ 205-557 Hydrochloride is 5-HT3/5-HT4 receptor antagonist.

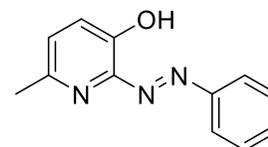
Size

10 mg, 50 mg, 100 mg

Cat. No.: LX1023; Sib 1757,  $\geq 98\%$ 

CAS: 31993-01-8

6-methyl-2-(phenyldiazenyl)pyridin-3-ol



SIB 1757 is a highly selective mGluR5 metabotropic glutamate receptor antagonist.

Size

10 mg, 50 mg, 100 mg

Cat. No.: LX1025; Sib 1893  $\geq 97\%$

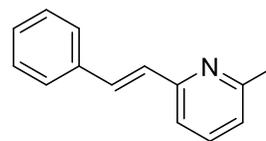
CAS: 6266-99-5

2-Methyl-6-(2-phenylethenyl)pyridine

Sib 1893 is selective non-competitive antagonist for the metabotropic glutamate mGlu5 receptor subtype.

Size

25 mg, 100 mg, 500 mg

Cat. No.: CJ3158; ST101 (ZSET1446)  $\geq$  98%

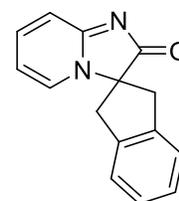
CAS: 887603-94-3

Spiro(imidazo(1,2-a)pyridine-3(2H),2'-(2H)inden)-2-one, 1',3'-dihydro-

ST 101 (ZSET1446) is a cognitive enhancer that promotes hippocampal neurogenesis and ameliorates depressive behavior in olfactory bulbectomized mice.

Size

5 mg, 10 mg, 50 mg

Cat. No.: CJ3159; TC-I 2000  $\geq$  98%

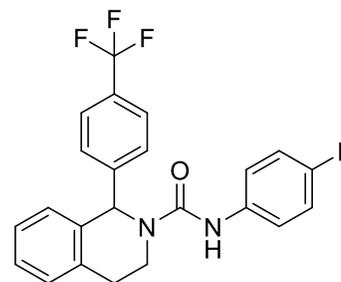
CAS: 1150006-20-9

*N*-(4-Fluorophenyl)-3,4-dihydro-1-[4-(trifluoromethyl)phenyl]-2(1*H*)-isoquinolinecarboxamide

TC-I 2000 is TRPM8 channel blocker. Inhibits icilin-induced TRPM8 channel activation in rTRPM8-expressing CHO cells ( $IC_{50} = 53$  nM).

Size

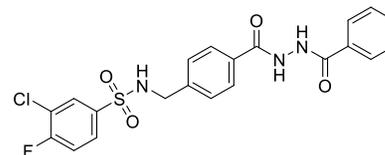
10 mg, 50 mg, 100 mg

Cat. No.: RT3751; TCN 201  $\geq$  98%

CAS: 852918-02-6

3-Chloro-4-fluoro-*N*-[4-[[2-(phenylcarbonyl)hydrazino]carbonyl]benzyl]benzenesulfonamide

TCN-201 is the first NMDA receptor antagonist that is specific for NR2A-subunit containing receptors. The  $pIC_{50}$  for NR2A NMDA receptors is 6.8.



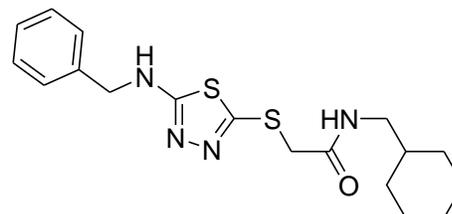
Size

10 mg, 25 mg, 100 mg

Cat. No.: RT9844; TCN 213  $\geq$  98%

CAS: 556803-08-8

N-(Cyclohexylmethyl)-2-[(5-[(phenylmethyl)amino]-1,3,4-thiadiazol-2-yl)thio]acetamide



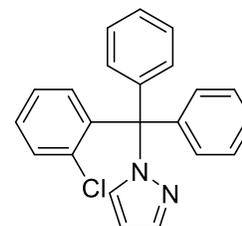
TCN 213 is NMDA receptor antagonist, selective for NR1/NR2A ( $pI_{C_{50}} = 5.4$ ) over NR1/NR2B.

Size

10 mg, 50 mg, 100 mg

Cat. No.: RT14439; TRAM 34  $\geq$  98%

CAS: 289905-88-0

1-[(2-Chlorophenyl)diphenylmethyl]-1*H*-pyrazole

TRAM 34 is selective blocker of intermediate conductance  $Ca^{2+}$ -activated  $K^+$  channels ( $K_{Ca3.1}$ ) ( $K_d = 20$  nM).

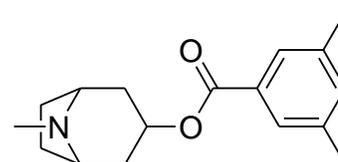
Size

10 mg, 25 mg, 50 mg

Cat. No.: CJ3193; Tropanyl-3,5-dimethylbenzoate  $\geq$  98%

CAS: 85181-40-4

(3-endo)-8-methyl-8-azabicyclo[3.2.1]oct-3-yl 3,5-dimethylbenzoate



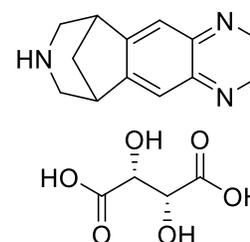
Tropanyl-3,5-dimethylbenzoate is 5-HT<sub>3</sub> antagonist.

Size

100 mg, 500 mg, 1 g

Cat. No.: LX2671; Varenicline Tartrate  $\geq$  98%

CAS: 375815-87-5

7,8,9,10-Tetrahydro-6,10-methano-6*H*-pyrazino[2,3-*h*][3]benzazepine tartrate

Varenicline Tartrate is a nicotinic receptor partial agonist.

Size

10 mg, 50 mg, 100 mg

**Cat. No.: CJ3442; Velneperit  $\geq$  98%**

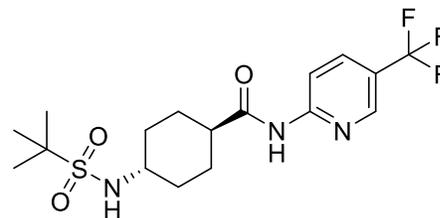
CAS: 342577-38-2

N-[5-(Trifluoromethyl)-2-pyridinyl]-trans-4-[[1,1-dimethylethylsulfonyl]amino]cyclohexane-1-carboxamide

Velneperit is selective neuropeptide Y Y5-receptor antagonist.

Size

5 mg, 10 mg, 50 mg

**Cat. No.: CJ3387; XEN907  $\geq$  98%**

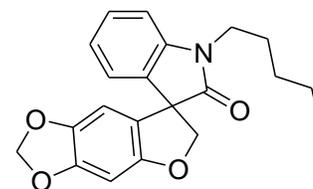
CAS: 912656-34-9

1-pentyl-6'H-spiro[indoline-3,7'-[1,3]dioxolo[4,5-f]benzofuran]-2-one

XEN907 is a sodium channel blocker and selective at voltage-gated N<sub>av</sub>1.7.

Size

10 mg, 50 mg, 100 mg

**Cat. No.: CJ3260; YM90K Hydrochloride  $\geq$  98%**

CAS: 154164-30-4

1,4-Dihydro-6-(1H-imidazol-1-yl)-7-nitro-2,3-quinoxalinedione hydrochloride

YM90K Hydrochloride is Selective AMPA receptor antagonist (K<sub>i</sub> values are 84, 2200 and > 37000 nM for AMPA, kainate and NMDA receptors respectively).

Size

10 mg, 50 mg, 100 mg

