Virus Protease

Viral proteases are enzymes encoded by the genetic material (DNA or RNA) of viral pathogens. Viral proteases catalyze the cleavage of specific peptide bonds in viral polyprotein precursors or in cellular proteins. Viral proteases may use different catalytic mechanisms involving either serine, cysteine or aspartic acid residues to attack the scissile peptide bond. Selective recognition of these sequence patterns by a complementary substrate binding site of the enzyme ensures a high degree of specific recognition and cleavage.

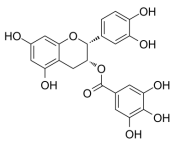
Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), is the cause of the respiratory illness coronavirus disease 2019 (COVID-19). Initial spike protein priming by transmembrane protease, serine 2 (TMPRSS2) is essential for entry of SARS-CoV-2. After a SARS-CoV-2 virion attaches to a target cell, the cell's protease TMPRSS2 cuts open the spike protein of the virus, exposing a fusion peptide.

Virus Protease Inhibitors

(-)-Epicatechin gallate

(Epicatechin gallate; ECG; (-)-Epicatechin 3-O-gallate) **Cat. No.:** HY-N0002

(-)-Epicatechin gallate (Epicatechin gallate) inhibits cyclooxygenase-1 (**COX-1**) with an **IC_{50}** of 7.5 μM.

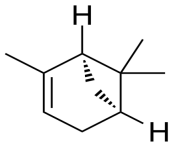


Purity: 98.57%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

(-)-α-Pinene

Cat. No.: HY-N0549

(-)-α-Pinene is a monoterpene and shows sleep enhancing property through a direct binding to GABAA-benzodiazepine (BZD) receptors by acting as a partial modulator at the BZD binding site.

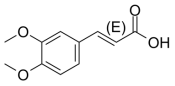


Purity: 99.63%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 100 mg, 1 g, 5 g

(E)-3,4-Dimethoxycinnamic acid

((E)-O-Methylferulic acid) **Cat. No.:** HY-N1778A

(E)-3,4-Dimethoxycinnamic acid is the less active isomer of 3,4-Dimethoxycinnamic acid. 3,4-Dimethoxycinnamic acid exerts anti-apoptotic effects on L-02 cells via the ROS-mediated signaling pathway. Anti-apoptotic effects.

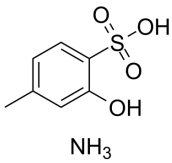


Purity: >98%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 500 mg

2-Hydroxy-4-methylbenzenesulphonic acid ammonium

Cat. No.: HY-136574

2-Hydroxy-4-methylbenzenesulphonic acid ammonium is an impurity of Policresulen. Policresulen is a potent NS2B/NS3 protease inhibitor with an IC_{50} of 0.48 μg/mL. Policresulen effectively inhibits the replication of DENV2 virus in BHK-21 cells with an IC_{50} of 4.99 μg/mL.

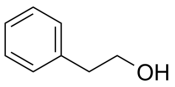


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

2-Phenylethanol

(Phenylethyl alcohol; Phenethyl alcohol; Benzyl carbinol) **Cat. No.:** HY-B1290

2-Phenylethanol (Phenethyl alcohol), extracted from rose, carnation, hyacinth, Aleppo pine, orange blossom and other organisms, is a colourless liquid. It has a pleasant floral odor and also an autoantibiotic produced by the fungus Candida albicans.

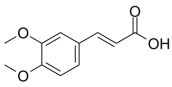


Purity: 99.64%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 500 mg, 1 g

3,4-Dimethoxycinnamic acid

(O-Methylferulic acid) **Cat. No.:** HY-N1778

3,4-Dimethoxycinnamic acid (O-Methylferulic acid) is a monomer extracted and purified from Securidaca inappendiculata Hassk. 3,4-Dimethoxycinnamic acid exerts anti-apoptotic effects on L-02 cells via the ROS-mediated signaling pathway. Anti-apoptotic effects.

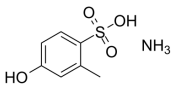


Purity: 99.54%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 100 mg

4-Hydroxy-2-methylbenzenesulfonic acid ammonium

Cat. No.: HY-136575

4-Hydroxy-2-methylbenzenesulfonic acid ammonium is an impurity of Policresulen. Policresulen is a potent NS2B/NS3 protease inhibitor with an IC_{50} of 0.48 μg/mL. Policresulen effectively inhibits the replication of DENV2 virus in BHK-21 cells with an IC_{50} of 4.99 μg/mL.

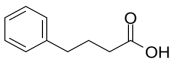


Purity: >98%
Clinical Data: No Development Reported
Size: 50 mg, 100 mg

4-Phenylbutyric acid

(4-PBA; Benzenebutyric acid) **Cat. No.:** HY-A0281

4-Phenylbutyric acid (4-PBA) is an inhibitor of **HDAC** and endoplasmic reticulum **(ER)** stress, used in cancer and infection research.

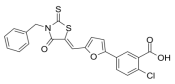


Purity: 99.98%
Clinical Data: Launched
Size: 500 mg, 5 g

4E2RCat

Cat. No.: HY-100733

4E2RCat is an inhibitor of **eIF4E-eIF4G** interaction with an **IC_{50}** of 13.5 μM.

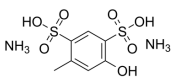


Purity: ≥98.0%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 1 mg, 5 mg, 10 mg, 50 mg, 100 mg

5-Hydroxytoluene-2,4-disulphonic acid diammonium

Cat. No.: HY-136573

5-Hydroxytoluene-2,4-disulphonic acid diammonium is an impurity of Policresulen. Policresulen is a potent NS2B/NS3 protease inhibitor with an IC_{50} of 0.48 μg/mL. Policresulen effectively inhibits the replication of DENV2 virus in BHK-21 cells with an IC_{50} of 4.99 μg/mL.

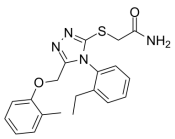


Purity: >98%
Clinical Data: No Development Reported
Size: 50 mg, 100 mg

A2ti-1

Cat. No.: HY-136465

A2ti-1 is a selective and high-affinity **annexin A2/S100A10 heterotetramer (A2t)** inhibitor with an IC_{50} of 24 μM. A2ti-1 specifically disrupts the protein-protein interaction (PPI) between A2 and S100A10. A2ti-1 prevents human papillomavirus type 16 (**HPV16**) infection.

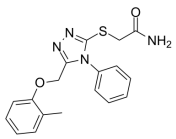


Purity: 99.83%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 50 mg, 100 mg

A2ti-2

Cat. No.: HY-136466

A2ti-2 is a selective and low-affinity **annexin A2/S100A10 heterotetramer (A2t)** inhibitor with an IC_{50} of 230 μM. A2ti-2 specifically disrupts the protein-protein interaction (PPI) between A2 and S100A10. A2ti-2 prevents human papillomavirus type 16 (**HPV16**) infection.



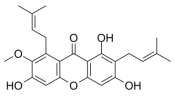
Purity: 99.85%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

alpha-Mangostin

(α-Mangostin)

Cat. No.: HY-N0328

alpha-Mangostin (α-Mangostin) is a dietary xanthone with broad biological activities, such as antioxidant, anti-allergic, antiviral, antibacterial, anti-inflammatory and anticancer effects. It is an inhibitor of mutant IDH1 (**IDH1-R132H**) with a K_i of 2.85 μM.



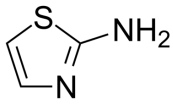
Purity: 99.46%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 10 mg, 25 mg, 50 mg, 100 mg

Aminothiazole

(2-Aminothiazole; 2-Thiazolylamine)

Cat. No.: HY-12396

Aminothiazole (2-Aminothiazole), a typical heterocyclic amine, is a precursor for the synthesis of biologically active molecules including sulfur agents, biocides, fungicides, antibiotics, dyes and chemical reaction accelerators.



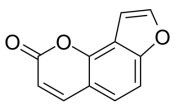
Purity: ≥98.0%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 500 mg, 5 g, 10 g

Angelicin

(Isopsoralen)

Cat. No.: HY-N0763

Angelicin, a furocoumarin naturally occurring tricyclic aromatic compound, structurally related to psoralens, is reported to have anti-cancer, antiviral, anti-inflammatory activity.

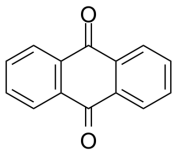


Purity: 99.86%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 50 mg

Anthraquinone

Cat. No.: HY-N0354

Anthraquinone is used as a precursor for dye formation.

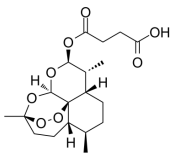


Purity: ≥97.0%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 100 mg

Artesunate

Cat. No.: HY-N0193

Artesunate is an inhibitor of both **STAT-3** and **exported protein 1** (**EXP1**).



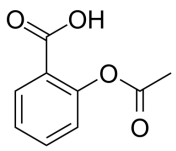
Purity: ≥95.0%
Clinical Data: Launched
Size: 10 mM × 1 mL, 50 mg, 100 mg

Aspirin

(Acetylsalicylic Acid; ASA)

Cat. No.: HY-14654

Aspirin is a non-selective and irreversible inhibitor of **COX-1** and **COX-2** with IC_{50}s of 5 and 210 μg/mL.

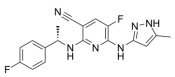


Purity: 99.92%
Clinical Data: Launched
Size: 10 mM × 1 mL, 500 mg, 1 g, 5 g

AZ960

Cat. No.: HY-10411

AZ960 is a potent and specific inhibitor of the **JAK2** kinase with a K_i of 0.45 nM.



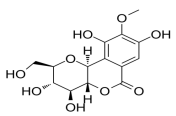
Purity: ≥98.0%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 1 mg, 5 mg, 10 mg, 50 mg, 100 mg

Bergenin

(Cuscutin)

Cat. No.: HY-N0017

Bergenin is a cytoprotective and antioxidative polyphenol found in many medicinal plants. Bergenin has a wide spectrum activities such as hepatoprotective, antiinflammatory, immunomodulatory, antitumor, antiviral, and antifungal properties.

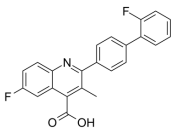


Purity: 99.63%
Clinical Data: Launched
Size: 10 mM × 1 mL, 2 mg, 5 mg, 10 mg, 50 mg

Brequinar

(DUP785; NSC 368390) Cat. No.: HY-108325

Brequinar (DUP785) is a potent inhibitor of **dihydroorotate dehydrogenase (DHODH)** with an IC_{50} of 5.2 nM for **human DHODH**. Brequinar has potent activities against a broad spectrum of viruses.

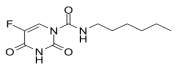


Purity: 99.75%
Clinical Data: Phase 2
Size: 10 mM × 1 mL, 5 mg, 10 mg

Carmofur

(HCFU) Cat. No.: HY-B0182

Carmofur (HCFU), a derivative of 5-Fluorouracil, is an antineoplastic agent. Carmofur is an inhibitor of **acid ceramidase** with an IC_{50} of 79 nM for the rat enzyme. Carmofur inhibits the SARS-CoV-2 main protease (Mpro).

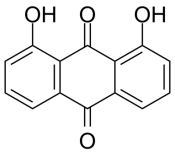


Purity: 99.95%
Clinical Data: Launched
Size: 10 mM × 1 mL, 100 mg, 500 mg

Danthron

(Dantron; Chrysazin; 1,8-Dihydroxyanthraquinone) Cat. No.: HY-B0923

Danthron is a natural product extracted from the traditional Chinese medicine rhubarb. Danthron functions in regulating glucose and lipid metabolism by activating **AMPK**.

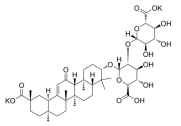


Purity: 98.70%
Clinical Data: Launched
Size: 10 mM × 1 mL, 100 mg

Dipotassium glycyrrhizinate

(Glycyrrhizic acid dipotassium; Dipotassium glycyrrhizate) Cat. No.: HY-N0184A

Dipotassium glycyrrhizinate is a natural compound, inhibits atopic dermatitis-related gene expression with anti-anti-inflammatory activity.

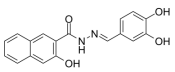


Purity: ≥98.0%
Clinical Data: Launched
Size: 10 mM × 1 mL, 5 mg, 10 mg, 20 mg

Dynasore

Cat. No.: HY-15304

Dynasore is a cell-permeable **dynamin** inhibitor with an IC_{50} of 15 μM.

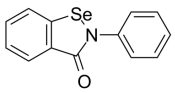


Purity: 98.70%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 10 mg, 50 mg

Ebselen

(SPI-1005; PZ-51; CCG-39161) Cat. No.: HY-13750

Ebselen (SPI-1005), a glutathione peroxidase mimetic, is a potent **voltage-dependent calcium channel (VDCC)** blocker. Ebselen potently inhibits M^{pro} (IC_{50}=0.67 μM) and **COVID-19** virus (EC_{50}=4.67 μM).Ebselen is an inhibitor of **HIV-1** capsid CTD dimerization.

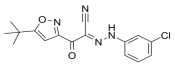


Purity: 99.58%
Clinical Data: Phase 3
Size: 10 mM × 1 mL, 5 mg, 10 mg, 50 mg, 100 mg

ESI-09

Cat. No.: HY-16704

ESI-09 is a novel noncyclic nucleotide **EPAC** antagonist with IC_{50} values of 3.2 and 1.4 μM for EPAC1 and EPAC2, respectively.

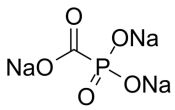


Purity: 98.75%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 50 mg, 100 mg

Foscarnet sodium (Trisodium phosphonoformate; Phosphonoformic acid trisodium salt)

Cat. No.: HY-B1318

Foscarnet sodium (Trisodium phosphonoformate) is a **viral DNA polymerase** activity inhibitor, leading to reversible suppression of viral replication. Foscarnet sodium is an antiherpesvirus agent used in cytomegalovirus retinitis.

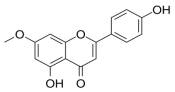


Purity: ≥99.0%
Clinical Data: Launched
Size: 10 mM × 1 mL, 50 mg, 100 mg, 250 mg

Genkwanin

(Puddumetin) Cat. No.: HY-N0731

Genkwanin is a major non-glycosylated flavonoid with anti-flammatory activities.

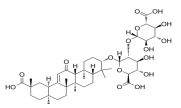


Purity: 99.82%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 50 mg

Glycyrrhizic acid

(Glycyrrhizin) Cat. No.: HY-N0184

Glycyrrhizic acid is a triterpenoid saponinl, acting as a direct **HMGB1** antagonist, with anti-tumor, anti-diabetic activities.



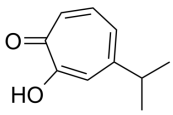
Purity: ≥98.0%
Clinical Data: Launched
Size: 10 mM × 1 mL, 50 mg, 100 mg, 200 mg

Hinokitiol

(β-Thujaplicin)

Cat. No.: HY-B2230

Hinokitiol is a component of essential oils isolated from Chymacyparis obtusa, reduces **Nrf2** expression, and decreases **DNMT1** and UHRF1 mRNA and protein expression, with anti-infective, anti-oxidative, and anti-tumor activities.

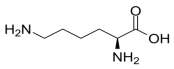


Purity: 99.28%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 50 mg, 100 mg

L-Lysine

Cat. No.: HY-N0469

L-lysine is an essential amino acid with important roles in connective tissues and carnitine synthesis, energy production, growth in children, and maintenance of immune functions.

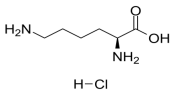


Purity: ≥97.0%
Clinical Data: Launched
Size: 10 mM × 1 mL, 500 mg

L-Lysine hydrochloride

Cat. No.: HY-N0470

L-lysine hydrochloride is an essential amino acid for humans with various benefits including treating herpes, increasing calcium absorption, reducing diabetes-related illnesses and improving gut health.

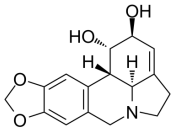


Purity: ≥98.0%
Clinical Data: Launched
Size: 10 mM × 1 mL, 500 mg

Lycorine

Cat. No.: HY-N0288

Lycorine is a natural alkaloid extracted from the Amaryllidaceae plant. Lycorine is a potent and orally active **SCAP** inhibitor with a K_d value 15.24 nM. Lycorine downregulates the SCAP protein level without changing its transcription.

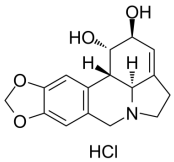


Purity: ≥98.0%
Clinical Data: No Development Reported
Size: 50 mg, 100 mg

Lycorine hydrochloride

Cat. No.: HY-N0289

Lycorine hydrochloride is the main active ingredient of the herbal medicine derived from Lycoris radia and is also a melanoma vasculogenic inhibitor and has anti-tumor activity. Lycorine hydrochloride effectively inhibits mitotic proliferation of Hey1B cells (IC_{50} of 1.2 μM).

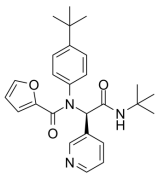


Purity: 99.89%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 10 mg, 25 mg, 50 mg, 100 mg

ML188

Cat. No.: HY-136259

ML188, a first in class probe, is a selective non-covalent SARS-CoV **3CLpro** inhibitor with an IC_{50} of 1.5 μM. Antiviral activity.

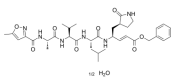


Purity: 98.35%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 50 mg

Mpro inhibitor N3 hemihydrate

Cat. No.: HY-136149A

Mpro inhibitor N3 hemihydrate is a potent inhibitor of **SARS-CoV-2 Mpro** with an EC_{50} of 16.77 μM for SARS-CoV-2. Mpro inhibitor N3 hemihydrate specifically inhibits Mpro from multiple coronaviruses, including SARS-CoV and MERS-CoV.



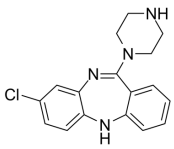
Purity: ≥98.0%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg

N-Desmethylclozapine

(Norclozapine; Desmethylclozapine; Normethylclozapine)

Cat. No.: HY-G0021

N-Desmethylclozapine is a major active metabolite of the atypical antipsychotic drug Clozapine.



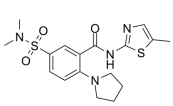
Purity: 99.72%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 25 mg

NGI-1

(ML414)

Cat. No.: HY-117383

NGI-1 (ML414) is a potent **oligosaccharyltransferase (OST)** inhibitor, directly targeting and blocking the function of the OST catalytic subunits STT3A and STT3B. NGI-1 is a cell permeable inhibitor and can effectively reduce virus infectivity without affecting cell viability.

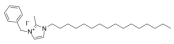


Purity: 99.95%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 50 mg, 100 mg

NH125

Cat. No.: HY-100576

NH125 is a potent and selective inhibitor of eukaryotic elongation factor 2 kinase **(eEF-2K/CaMKIII)**, also can induce eEF2 phosphorylation, with an IC_{50} of 60 nM for eEF-2K.

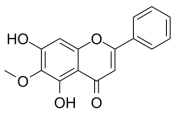


Purity: ≥98.0%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 50 mg, 100 mg

Oroxylin A

(Baicalein 6-methyl ether; 6-Methoxybaicalein) Cat. No.: HY-N0560

Oroxylin A is a natural active flavonoid with strong anticancer effects. IC50 value: Target: In vitro: Oroxylin A suppressed the MDM2-mediated degradation of p53 via downregulating MDM2 transcription in wt-p53 cancer cells .

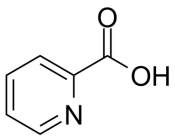


Purity: 99.90%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg

PCL 016

Cat. No.: HY-I0660

PCL 016 is a topical antiviral agent, which inhibits adenovirus replication in rabbit.

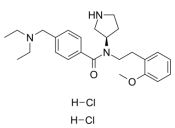


Purity: 99.96%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 500 mg, 5 g

PF429242 dihydrochloride

Cat. No.: HY-13447A

PF429242 dihydrochloride is a reversible and competitive **SREBP** site 1 protease (**S1P**) inhibitor with an IC_{50} of 175 nM.

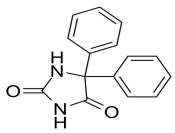


Purity: 98.08%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

Phenytoin

(5,5-Diphenylhydantoin) Cat. No.: HY-B0448

Phenytoin (5,5-Diphenylhydantoin) is a potent **Voltage-gated Na^+ channels (VGSCs)** blocker. Phenytoin has antiepileptic activity and reduces breast tumour growth and metastasis in mice.

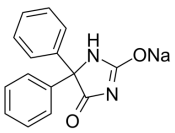


Purity: 99.90%
Clinical Data: Launched
Size: 10 mM × 1 mL, 500 mg, 1 g, 5 g

Phenytoin sodium

(5,5-Diphenylhydantoin sodium salt) Cat. No.: HY-B0448A

Phenytoin sodium (5,5-Diphenylhydantoin sodium salt) is a potent **Voltage-gated Na^+ channels (VGSCs)** blocker. Phenytoin has antiepileptic activity and reduces breast tumour growth and metastasis in mice.

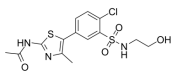


Purity: 99.96%
Clinical Data: Launched
Size: 10 mM × 1 mL, 500 mg, 1 g, 5 g

PIK-93

Cat. No.: HY-12046

PIK-93 is the first potent, synthetic **PI4K (PI4KIIIβ)** inhibitor with IC_{50} of 19 nM, and also inhibits **PI3Kγ** and **PI3Kα** with IC_{50} of 16 nM and 39 nM, respectively.

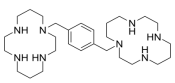


Purity: 99.37%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 50 mg

Plerixafor

(AMD 3100; JM3100; SID791) Cat. No.: HY-10046

Plerixafor (AMD 3100) is a selective **CXCR4** antagonist with an IC_{50} of 44 nM. Plerixafor, an immunostimulant and a **hematopoietic stem cell (HSC)** mobilizer, is an allosteric agonist of CXCR7. Plerixafor inhibits **HIV-1** and **HIV-2** replication with an EC_{50} of 1-10 nM.

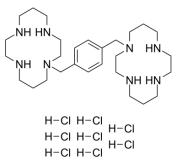


Purity: ≥97.0%
Clinical Data: Launched
Size: 10 mM × 1 mL, 10 mg, 50 mg, 100 mg

Plerixafor octahydrochloride (AMD3100 octahydrochloride; JM3100 octahydrochloride; SID791 octahydrochloride)

Cat. No.: HY-50912

Plerixafor octahydrochloride (AMD3100 octahydrochloride) is a selective **CXCR4** antagonist with an IC_{50} of 44 nM.

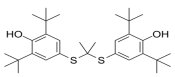


Purity: ≥98.0%
Clinical Data: Launched
Size: 10 mM × 1 mL, 10 mg, 50 mg, 100 mg

Probucol

(DH-581) Cat. No.: HY-B0388

Probucol (DH-581) is an anti-hyperlipidemic drug by lowering the level of cholesterol in the bloodstream by increasing the rate of LDL catabolism.

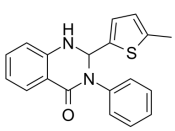


Purity: 99.97%
Clinical Data: Launched
Size: 10 mM × 1 mL, 100 mg, 500 mg

Retro-2 cycl

(RN 1-001) Cat. No.: HY-114698

Retro-2 cycl (RN 1-001) is a dihydroquinazolinone (DHQZ) inhibitor of retrograde trafficking. Retro-2 cycl (RN 1-001) inhibits JCPyV and HPV16 pseudovirus with IC_{50}s of 54 μM and 160 μM, respectively. Antiviral agent.



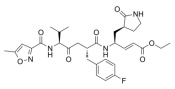
Purity: 98.11%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 50 mg, 100 mg

Rupintrivir

(AG7088)

Cat. No.: HY-106161

Rupintrivirvr (AG7088), an antiviral drug, is a potent, selective and irreversible inhibitor of **human rhinovirus (HRV) 3C protease**.

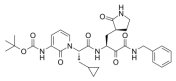


Purity: ≥98.0%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 1 mg, 5 mg

SARS-CoV-2-IN-1

Cat. No.: HY-135860

SARS-CoV-2-IN-1 is a potent **Mpro** inhibitor. SARS-CoV-2-IN-1 inhibits the purified recombinant SARS-CoV-2 Mpro, SARS-CoV Mpro and MERS-CoV Mpro with IC_{50}s of 0.67, 0.90 and 0.58 μM, respectively.



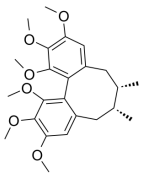
Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Schisandrin A

(Schizandrin-A; Wuweizisu-A; Deoxyschizandrin)

Cat. No.: HY-N0693

Schisandrin A inhibits **CYP3A** activity with an IC_{50} of 6.60 μM and K_i of 5.83 μM, respectively.



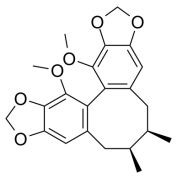
Purity: 99.67%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 10 mg

Schisandrin C

(Schizandrin-C; Wuweizisu-C)

Cat. No.: HY-N0690

Schisandrin C (Schizandrin-C) is a phytochemical **lignan** isolated from Schizandra chinensis. Schisandrin C has diverse biological activities, including anticancer, anti-inflammatory and antioxidant effects.



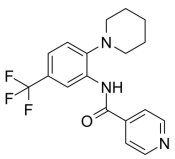
Purity: 99.95%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 10 mg, 50 mg, 100 mg

SRPIN340

(SRPK inhibitor)

Cat. No.: HY-13949

SRPIN340 is an ATP-competitive serine-arginine-rich protein kinase (**SRPK**) inhibitor, with a K_i of 0.89 μM for SRPK1.



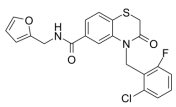
Purity: 99.99%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 50 mg, 100 mg

STING agonist-1

(G10)

Cat. No.: HY-19711

STING agonist-1 (G10) is human-specific **STING** agonist that elicits antiviral activity against emerging Alphaviruses. G10 potently blocks replication of Alphavirus species Venezuelan Equine Encephalitis Virus (VEEV) with IC_{90} of 24.57 μM.



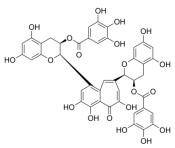
Purity: 99.54%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 50 mg, 100 mg

Theaflavin 3,3'-digallate

(TF-3; ZP10)

Cat. No.: HY-N1992

Theaflavin 3,3'-digallate (TF-3) is a potent **Zika virus (ZIKV) protease** inhibitor with an IC_{50} of 2.3 μM. Theaflavin 3,3'-digallat directly binds to ZIKVpro (K_d=8.86 μM) and inhibits ZIKV replication.

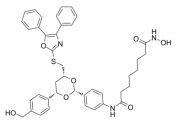


Purity: 99.73%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg

Tubacin

Cat. No.: HY-13428

Tubacin is a potent and selective inhibitor of **HDAC6**, with an IC_{50} value of 4 nM and approximately 350-fold selectivity over HDAC1.

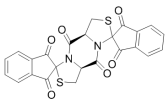


Purity: 99.17%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 1 mg, 5 mg, 10 mg, 20 mg

ZINC03129319

Cat. No.: HY-112254

ZINC03129319 is a dengue virus (**DENV**) **NS2B-NS3 protease** inhibitor extracted from patent US20150141521A1, has inhibition constants (K_{i1}) of 92 μM and K_{i3} of 20 μM.



Purity: 98.33%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 25 mg