HSV

Herpes simplex virus

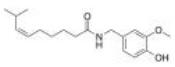
HSV (Herpes simplex virus) can be spread when an infected person is producing and shedding the virus. Herpes simplex can be spread through contact with saliva, such as sharing drinks. Symptoms of herpes simplex virus infection include watery blisters in the skin or mucous membranes of the mouth, lips or genitals. Lesions heal with ascab characteristic of herpetic disease. As neurotropic and neuroinvasive viruses, HSV-1 and -2 persist in the body by becoming latent and hiding from the immune system in the cell bodies of neurons. After the initial or primary infection, some infected people experience sporadic episodes of viral reactivation or outbreaks.

HSV Inhibitors

(Z)-Capsaicin

(Zucapsaicin; Civamide; cis-Capsaicin) Cat. No.: HY-B1583

(Z)-Capsaicin is the cis isomer of capsaicin, acts as an orally active **TRPV1** agonist, and is used in the research of neuropathic pain.

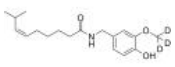


Purity: 99.68%
Clinical Data: Launched
Size: 10 mM × 1 mL, 10 mg, 50 mg

(Z)-Capsaicin-d3

Cat. No.: HY-B1583S

(Z)-Capsaicin-d3 (Zucapsaicin-d3) is the deuterium labeled (Z)-Capsaicin. (Z)-Capsaicin is the cis isomer of capsaicin, acts as an orally active **TRPV1** agonist, and is used in the research of neuropathic pain.



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

1-Docosanol

(Behenyl alcohol) Cat. No.: HY-B0222

1-Docosanol is a saturated fatty alcohol used traditionally as an emollient, emulsifier, and thickener in cosmetics, and nutritional supplement; inhibitor of lipid-enveloped viruses including herpes simplex.

Purity: ≥98.0%
Clinical Data: Launched
Size: 500 mg

1-Docosanol-d45

Cat. No.: HY-B0222S

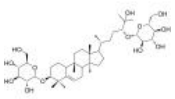
1-Docosanol-d45 is the deuterium labeled 1-Docosanol. 1-Docosanol is a saturated fatty alcohol used traditionally as an emollient, emulsifier, and thickener in cosmetics, and nutritional supplement.

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

11-Deoxymogroside IIE

Cat. No.: HY-N7040

11-Deoxymogroside IIE is a cucurbitane glycoside, isolated from Siraitia grosvenorii fruits. 11-Deoxymogroside IIE has inhibitory effect against Epstein Barr virus (**EBV-EA**) activation induced by TPA, shows weak inhibitory effect on (+.

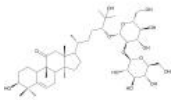


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

11-Oxomogroside IIa

Cat. No.: HY-N7041

11-Oxomogroside IIa (11-oxomogroside II A1) is a cucurbitane glycoside extracted from the fruits of Siraitia grosVenorii.

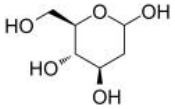


Purity: 99.77%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

2-Deoxy-D-glucose

(2-DG; 2-Deoxy-D-arabino-hexose; D-Arabino-2-deoxyhexose) Cat. No.: HY-13966

2-Deoxy-D-glucose is a glucose analog that acts as a competitive inhibitor of glucose metabolism, inhibiting **glycolysis** via its actions on **hexokinase**.

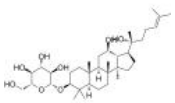


Purity: ≥98.0%
Clinical Data: Phase 1
Size: 500 mg, 1 g, 5 g

20(R)-Ginsenoside Rh2

Cat. No.: HY-N1401

20(R)-Ginsenoside Rh2, a **matrix metalloproteinase (MMP)** inhibitor, acts as a cell antiproliferator. It has anticancer effects via blocking cell proliferation and causing G1 phase arrest.

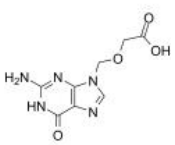


Purity: ≥98.0%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg

9-Carboxymethoxymethylguanine

Cat. No.: HY-137181

9-Carboxymethoxymethylguanine is the main metabolite of Aciclovir. Acyclovir (Aciclovir) is a guanosine analogue and an orally active antiviral agent.

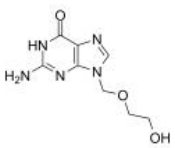


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Acyclovir

(Aciclovir; Acycloguanosine) Cat. No.: HY-17422

Acyclovir (Aciclovir) is a guanosine analogue and an orally active antiviral agent. Acyclovir inhibits **HSV-1** (IC_{50} of 0.85 μM), **HSV-2** (IC_{50} of 0.86 μM) and **varicella-zoster virus**.



Purity: 99.34%
Clinical Data: Launched
Size: 10 mM × 1 mL, 50 mg, 100 mg, 500 mg

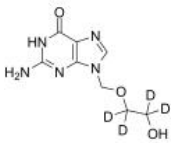
Tel: 609-228-6898 Fax: 609-228-5909 Email: sales@MedChemExpress.com

Acyclovir-d4

(Aciclovir-d4; Acycloguanosine-d4)

Cat. No.: HY-17422S1

Acyclovir-d4 (Aciclovir-d4) is the deuterium labeled Acyclovir. Acyclovir (Aciclovir) is a guanosine analogue and an orally active antiviral agent. Acyclovir inhibits **HSV-1** (IC_{50} of 0.85 μM), **HSV-2** (IC_{50} of 0.86 μM) and **varicella-zoster virus**.

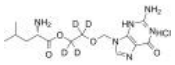


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Acyclovir-d4 L-Leucinate

Cat. No.: HY-17422S

Acyclovir-d4 L-Leucinate is the deuterium labeled Acyclovir. Acyclovir (Aciclovir) is a guanosine analogue and an orally active antiviral agent. Acyclovir inhibits **HSV-1** (IC_{50} of 0.85 μM), **HSV-2** (IC_{50} of 0.86 μM) and **varicella-zoster virus**.



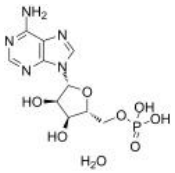
Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 10 mg

Adenosine 5'-monophosphate monohydrate

(5'-AMP monohydrate)

Cat. No.: HY-A0181A

Adenosine 5'-monophosphate monohydrate is an **adenosine A_1 receptor** agonist. Adenosine 5'-monophosphate monohydrate has significant antiviral activity against **HSV-1** and **HSV-2**.



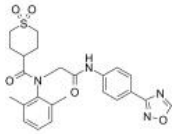
Purity: 99.07%
Clinical Data: Phase 4
Size: 10 mM × 1 mL, 500 mg, 1 g

Amenamevir

(ASP2151)

Cat. No.: HY-14809

Amenamevir is a **helicase-primase** inhibitor which has potent antiviral activity against **HSVs** with an EC_{50} of 14 ng/mL.

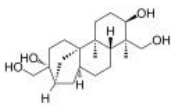


Purity: 99.91%
Clinical Data: Launched
Size: 10 mM × 1 mL, 5 mg, 10 mg, 50 mg, 100 mg

Aphidicolin

Cat. No.: HY-N6733

Aphidicolin is an inhibitor of **DNA** polymerase α and δ, prevents mitotic cell division by interfering with the activity of DNA polymerase. Aphidicolin is an antibiotic produced by the mold Cephalosporium aphidicola.

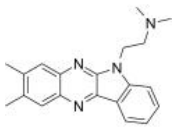


Purity: ≥98.0%
Clinical Data: No Development Reported
Size: 1 mg

B220

Cat. No.: HY-100272

B220 is an antiviral agent which can inhibit the growth of **HSV-1**, **HSV-2** and **human cytomegalovirus** (**CMV**).



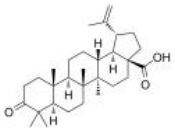
Purity: ≥99.0%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 1 mg

Betulonic acid

(Betunolic acid; Liquidambaric acid; (+)-Betulonic acid)

Cat. No.: HY-N1451

Betulonic acid (Betunolic acid), a naturally occurring triterpene, is found in many plants. Betulonic acid has anti-tumor, anti-inflammatory, antiparasitic and anti-viral (**HSV-1**) activities.



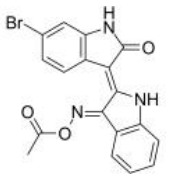
Purity: ≥98.0%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg

BIO-acetoxime

(BIA)

Cat. No.: HY-15356

BIO-acetoxime (BIA) is a potent and selective **GSK-3** inhibitor, with IC_{50}s of both 10 nM for GSK-3α/β. BIO-acetoxime has anticonvulsant and anti-infection activity.



Purity: ≥98.0%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

Biotin-PEG7-C2-NH-Vidarabine-S-CH3

Cat. No.: HY-145248

Biotin-PEG7-C2-NH-Vidarabine-S-CH3 is a PEG-based linker that incorporates adenosine analog Vidarabine. Vidarabine is an antiviral agent which is active against herpes simplex and varicella zoster viruses.

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

Biotin-PEG7-C2-S-Vidarabine

Cat. No.: HY-145247

Biotin-PEG7-C2-S-Vidarabine is a PEG-based linker that incorporates adenosine analog Vidarabine. Vidarabine is an antiviral agent which is active against herpes simplex and varicella zoster viruses.

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

Biotin-PEG8-Vidarabine

Cat. No.: HY-145246

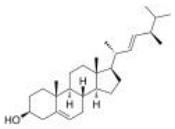
Biotin-PEG8-Vidarabine is a PEG-based linker that incorporates adenosine analog Vidarabine. Vidarabine is an antiviral agent which is active against herpes simplex and varicella zoster viruses.

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

Brassicasterol

Cat. No.: HY-113289

Brassicasterol, a metabolite of Ergosterol, plays a role in the inhibitory effect on bladder carcinogenesis promotion via **androgen** signaling.



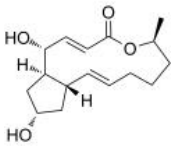
Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Brefeldin A

(BFA; Cyanein; Decumbin)

Cat. No.: HY-16592

Brefeldin A (BFA) is a lactone antibiotic and a specific inhibitor of **protein trafficking**. Brefeldin A blocks the transport of secreted and membrane proteins from endoplasmic reticulum to Golgi apparatus. Brefeldin A is also an **autophagy** and **mitophagy** inhibitor.



Purity: 99.87%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 50 mg, 100 mg

Brincidofovir

(CMX001; HDP-CDV)

Cat. No.: HY-14532

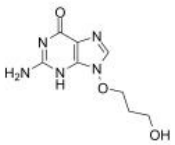
Brincidofovir (CMX001), the lipid-conjugated prodrug of Cidofovir (HY-17438), is an orally available, long-acting antiviral.

Purity: 99.06%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 2 mg, 5 mg, 10 mg, 25 mg, 50 mg

BRL44385

Cat. No.: HY-U00224

BRL44385 is a potent and selective inhibitor of the replication of herpes simplex virus types 1 and 2 (**HSV-1** and **HSV2**), varicella zoster virus (VZV) and Epstein-Barr virus (EBV).



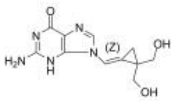
Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Cyclopropavir

(Filociclovir; ZSM-I-62; MBX-400)

Cat. No.: HY-16721

Cyclopropavir (Filociclovir; ZSM-I-62; MBX-400) is a broad-spectrum anti-herpesvirus compound, has good antiviral activity against cytomegalovirus (CMV), herpes simplex virus (HHV)-6 and HHV-8 with EC_{50}s of 0.7 μM to 8 μM.

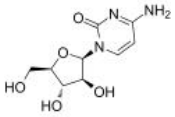


Purity: ≥98.0%
Clinical Data: Phase 1
Size: 5 mg, 10 mg, 25 mg, 50 mg

Cytarabine (Cytosine β-D-arabinofuranoside; Cytosine Arabinoside; Ara-C)

Cat. No.: HY-13605

Cytarabine, a nucleoside analog, causes S phase cell cycle arrest and inhibits **DNA polymerase**. Cytarabine inhibits **DNA synthesis** with an IC_{50} of 16 nM. Cytarabine has antiviral effects against **HSV**.

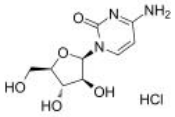


Purity: 99.96%
Clinical Data: Launched
Size: 10 mM × 1 mL, 100 mg, 500 mg, 1 g

Cytarabine hydrochloride (Cytosine β-D-arabinofuranoside hydrochloride; Cytosine Arabinoside hydrochloride; ...)

Cat. No.: HY-13605A

Cytarabine hydrochloride, a nucleoside analog, causes S phase cell cycle arrest and inhibits **DNA polymerase**. Cytarabine inhibits **DNA synthesis** with an IC_{50} of 16 nM. Cytarabine hydrochloride has antiviral effects against **HSV**.

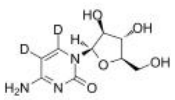


Purity: ≥95.0%
Clinical Data: Launched
Size: 10 mM × 1 mL, 100 mg

Cytarabine-d2

Cat. No.: HY-13605S

Cytarabine-d2 is the deuterium labeled Cytarabine. Cytarabine, a nucleoside analog, causes S phase cell cycle arrest and inhibits **DNA polymerase**. Cytarabine inhibits **DNA synthesis** with an IC_{50} of 16 nM. Cytarabine has antiviral effects against **HSV**.



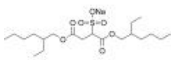
Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Docusate Sodium

(Dioctyl sulfosuccinate sodium salt)

Cat. No.: HY-B1268

Docusate Sodium (Dioctyl sulfosuccinate sodium salt) is a laxative used to for the research of constipation, for constipation due to the use of opiates it maybe used with a stimulant laxative, can be taken by mouth or rectally.

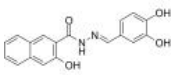


Purity: ≥98.0%
Clinical Data: Launched
Size: 10 mM × 1 mL, 100 mg, 500 mg

Dynasore

Cat. No.: HY-15304

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



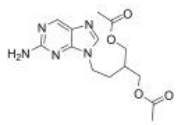
Purity: 98.70%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 10 mg, 50 mg

Famciclovir

(BRL 42810)

Cat. No.: HY-17426

Famciclovir(BRL 42810) is a guanine analogue antiviral drug used for the treatment of various herpesvirus infections.



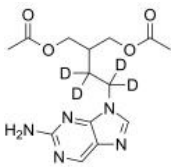
Purity: 99.74%
Clinical Data: Launched
Size: 10 mM × 1 mL, 50 mg, 100 mg, 500 mg

Famciclovir-d4

(BRL 42810-d4)

Cat. No.: HY-17426S

Famciclovir-d4 (BRL 42810-d4) is the deuterium labeled Famciclovir. Famciclovir (BRL 42810) is a guanine analogue antiviral drug used for the treatment of various herpesvirus infections.



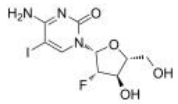
Purity: >98%
Clinical Data: No Development Reported
Size: 2.5 mg, 5 mg

Fiacitabine

(NSC 382097; FIAC; FOAC)

Cat. No.: HY-50735

Fiacitabine(NSC 382097; FIAC; FOAC) is a selective inhibitior of DNA replication of herpes simplex virus(HSV) with IC50 values of 2.5 nM and 12.6 nM for HSV1 and HSV2, respectively.

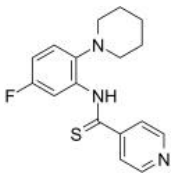


Purity: 98.83%
Clinical Data: Phase 2
Size: 10 mM × 1 mL, 5 mg, 10 mg

FIT-039

Cat. No.: HY-18944

FIT-039 is a selective, ATP-competitive and orally active CDK9 inhibitor with an IC_{50} of 5.8 μM for **CKD9/cyclin T1**. FIT-039 does not inhibit other CDKs and other kinases. FIT-039 inhibits replication of **HSV-1** (IC_{50} of 0.69 μM), **HSV-2**, **human adenovirus**, and **human CMV**.



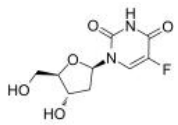
Purity: 98.02%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg

Floxuridine

(5-Fluorouracil 2'-deoxyriboside)

Cat. No.: HY-B0097

Floxuridine (5-Fluorouracil 2'-deoxyriboside) is a pyrimidine analog and known as an **oncology antimetabolite**.



Purity: 99.76%
Clinical Data: Launched
Size: 10 mM × 1 mL, 100 mg, 200 mg, 500 mg

FSL-1 TFA

Cat. No.: HY-P2036A

FSL-1 TFA, a bacterial-derived toll-like receptor 2/6 (**TLR2/6**) agonist, enhances resistance to experimental HSV-2 infection. FSL-1 TFA induces **MMP-9** production through **TLR2** and **NF-κB/AP-1** signaling pathways in monocytic THP-1 cells.

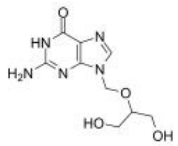
Purity: 99.58%
Clinical Data: No Development Reported
Size: 100 μg

Ganciclovir

(BW 759; 2'-Nor-2'-deoxyguanosine)

Cat. No.: HY-13637

Ganciclovir (BW 759), a nucleoside analogue, is an orally active antiviral agent with activity against **CMV**. Ganciclovir also has activity in vitro against members of the **herpes group** and some other DNA viruses.



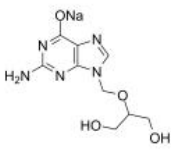
Purity: 99.77%
Clinical Data: Launched
Size: 100 mg, 1 g, 5 g

Ganciclovir sodium

(BW 759 sodium; 2'-Nor-2'-deoxyguanosine sodium)

Cat. No.: HY-13637A

Ganciclovir (BW 759) sodium, a nucleoside analogue and an orally active antiviral agent, shows activity against **CMV**. Ganciclovir sodium also has activity in vitro against members of the **herpes group** and some other DNA viruses.



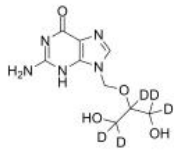
Purity: 99.85%
Clinical Data: Launched
Size: 10 mM × 1 mL, 100 mg, 1 g

Ganciclovir-d5

(BW 759-d5; 2'-Nor-2'-deoxyguanosine-d5)

Cat. No.: HY-13637S

Ganciclovir-d5 (BW 759-d5) is the deuterium labeled Ganciclovir. Ganciclovir (BW 759), a nucleoside analogue, is an orally active antiviral agent with activity against **CMV**.

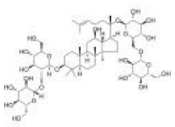


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Ginsenoside Rb1

(Gypenoside III) Cat. No.: HY-N0039

Ginsenoside Rb1, a main constituent of the root of Panax ginseng, inhibits **Na^+, K^+-ATPase** activity with an **IC_{50}** of 6.3±1.0 μM. Ginsenoside also inhibits **IRAK-1** activation and phosphorylation of **NF-κB p65** .

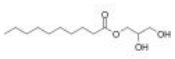


Purity: 98.75%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

Glyceryl monocaprate

(Monocaprin) Cat. No.: HY-135117

Glyceryl monocaprate (Monolaurin) is a 1-monoglyceride of capric acid against gram-positive **bacterial** infections. Glyceryl monocaprate (Monolaurin) has inhibitory effect on **Herpes Simplex Virus (HSV)** and offers an effective treatment for herpes labialiss.

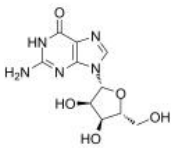


Purity: ≥98.0%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 100 mg

Guanosine

(DL-Guanosine; Vernine) Cat. No.: HY-N0097

Guanosine (DL-Guanosine) is a purine nucleoside comprising guanine attached to a ribose (ribofuranose) ring via a β-N9-glycosidic bond. Guanosine possesses anti-**HSV** activity.

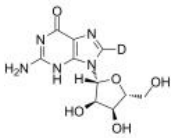


Purity: 99.02%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 500 mg, 1 g

Guanosine-8-d

Cat. No.: HY-N0097S

Guanosine-8-d is a deuterium labeled Guanosine. Guanosine is a purine nucleoside comprising guanine attached to a ribose (ribofuranose) ring via a β-N9-glycosidic bond. Guanosine possesses anti-HSV activity.

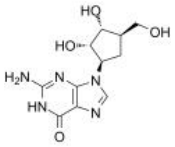


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

HSV-TK substrate

Cat. No.: HY-126218

HSV-TK substrate is a substrate for HSV-TK, and induces multi-log cytotoxicity in HSV-TK-expressing and bystander cells. HSV-TK substrate shows antitumor activity.

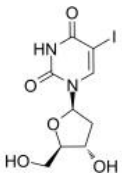


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Idoxuridine

(5-Iodo-2′-deoxyuridine; 5-IUdR; IdUrd) Cat. No.: HY-B0307

Idoxuridine (5-Iodo-2′-deoxyuridine) is an antiviral agent for feline herpesvirus type-1 with IC50 of 4.3 μM. Target: herpesvirus type-1 Idoxuridine is mainly used topically to treat herpes simplex keratitis.

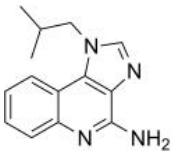


Purity: 99.70%
Clinical Data: Launched
Size: 10 mM × 1 mL, 500 mg, 1 g, 5 g

Imiquimod

(R 837) Cat. No.: HY-B0180

Imiquimod (R 837), an immune response modifier, is a selective **toll like receptor 7 (TLR7)** agonist. Imiquimod exhibits antiviral and antitumor effects in vivo. Imiquimod can be used for the research of external genital, perianal warts, cancer and COVID-19.

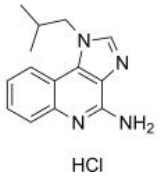


Purity: 99.96%
Clinical Data: Launched
Size: 100 mg, 200 mg, 500 mg

Imiquimod hydrochloride

(R 837 hydrochloride) Cat. No.: HY-B0180A

Imiquimod hydrochloride (R 837 hydrochloride), an immune response modifier, is a selective **toll like receptor 7 (TLR7)** agonist. Imiquimod hydrochloride exhibits antiviral and antitumor effects in vivo.

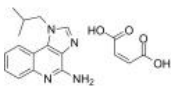


Purity: 99.80%
Clinical Data: Launched
Size: 10 mM × 1 mL, 100 mg, 200 mg, 500 mg

Imiquimod maleate

(R 837 maleate) Cat. No.: HY-B0180B

Imiquimod maleate (R 837 maleate), an immune response modifier, is a selective **toll like receptor 7 (TLR7)** agonist. Imiquimod maleate exhibits antiviral and antitumor effects in vivo.

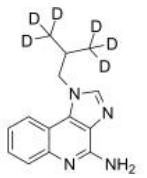


Purity: >98%
Clinical Data: Launched
Size: 1 mg, 5 mg

Imiquimod-d6

(R 837-d6) Cat. No.: HY-B0180S

Imiquimod-d6 (R 837-d6) is the deuterium labeled Imiquimod. Imiquimod (R 837), an immune response modifier, is a selective **toll like receptor 7 (TLR7)** agonist. Imiquimod exhibits antiviral and antitumor effects in vivo.



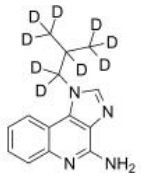
Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Imiquimod-d9

(R 837-d9)

Cat. No.: HY-B0180S1

Imiquimod-d9 is deuterium labeled Imiquimod. Imiquimod (R 837), an immune response modifier, is a selective toll like receptor 7 (TLR7) agonist. Imiquimod exhibits antiviral and antitumor effects in vivo.



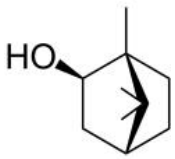
Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Isoborneol

((±)-Isoborneol)

Cat. No.: HY-N2004

Isoborneol ((±)-Isoborneol) is a monoterpenoid alcohol present in the essential oils of numerous medicinal plants and has antioxidant and antiviral properties. Isoborneol is a potent inhibitor of herpes simplex virus type 1 **(HSV-1)**.

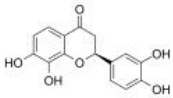


Purity: ≥98.0%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 100 mg

Isookanin

Cat. No.: HY-N7677

Isookanin can be used for the research of various illnesses including cancers, skin rashes, snake and insects bites, diabetes mellitus, diarrhoea. Isookanin acts as an anti-viral agent against HSV and varicella-zoster virus (VZV). Antioxidant activity.

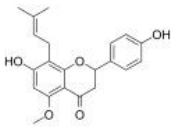


Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg

Isoxanthohumol

Cat. No.: HY-N2584A

Isoxanthohumol is a prenylflavonoid from hops and beer. Isoxanthohumol exhibits an antiproliferative activity against several human cancer cell lines. Isoxanthohumol inhibits the development of lung metastatic foci in tumor-challenged animals.



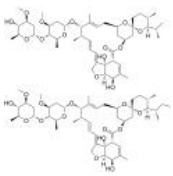
Purity: 99.90%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 50 mg, 100 mg

Ivermectin

(MK-933)

Cat. No.: HY-15310

Ivermectin (MK-933) is a broad-spectrum anti-parasite agent. Ivermectin (MK-933) is a specific inhibitor of **Impα/β1-mediated nuclear import** and has potent antiviral activity towards both HIV-1 and dengue virus.

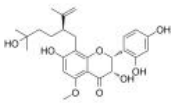


Purity: 96.79%
Clinical Data: Launched
Size: 10 mM × 1 mL, 500 mg, 1 g

Kushenol K

Cat. No.: HY-117010

Kushenol K, a flavonoid antioxidant isolated from the roots of Sophora flavescens. Kushenol K is a **cytochrome P-450 3A4 (CYP3A4)** inhibitor with a K_i value of 1.35 μM. Kushenol K shows weak antiviral activity against **HSV-2** (EC_{50} of 147 μM).

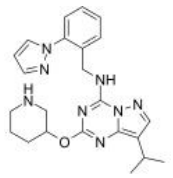


Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 25 mg

LDC4297

Cat. No.: HY-12653

LDC4297 is a potent and selective **CDK7** inhibitor with an IC_{50} of 0.13 nM.



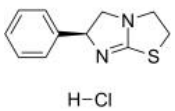
Purity: 99.14%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 2 mg, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

Levamisole hydrochloride

((-)-Tetramisole hydrochloride)

Cat. No.: HY-13666

Levamisole ((-)-Tetramisole) hydrochloride is an anthelmintic and immunomodulator belonging to a class of synthetic imidazothiazole derivatives. Levamisole hydrochloride has antiviral effects against **HSV**.



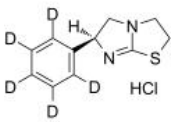
Purity: 99.96%
Clinical Data: Launched
Size: 10 mM × 1 mL, 500 mg, 5 g, 10 g

Levamisole-d5 hydrochloride

((-)-Tetramisole-d5 hydrochloride)

Cat. No.: HY-13666S

Levamisole-d5 ((-)-Tetramisole-d5) hydrochloride is the deuterium labeled Levamisole hydrochloride. Levamisole ((-)-Tetramisole) hydrochloride is an anthelmintic and immunomodulator belonging to a class of synthetic imidazothiazole derivatives.

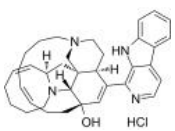


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 10 mg

Manzamine A hydrochloride

Cat. No.: HY-117025A

Manzamine A hydrochloride, an orally active beta-carboline alkaloid, inhibits specifically **GSK-3β** and **CDK-5** with IC_{50}s of 10.2 μM and 1.5 μM, respectively. Manzamine A hydrochloride targets **vacuolar ATPases** and inhibits **autophagy** in pancreatic cancer cells.

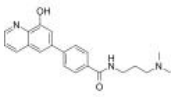


Purity: 99.29%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

ML324

Cat. No.: HY-12725

ML324 is a potent **JMJD2** demethylase inhibitor with antiviral activity. ML324 also exhibits inhibition for the histone demethylase **KDM4B**, with an IC_{50} of 4.9 μM.

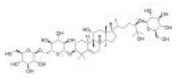


Purity: 98.60%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 10 mg, 50 mg, 100 mg

Mogroside III A2

Cat. No.: HY-N8041

Mogroside III A2 is a cucurbitane glycoside. Mogroside III A2 can inhibit Epstein-Barr virus early antigen (EBV-EA) activation. Mogroside III A2 shows weak inhibitory effects on activation of NOR 1.



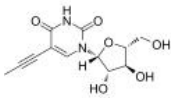
Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 25 mg

Netivudine

(882C87)

Cat. No.: HY-105102

Netivudine is a nucleoside analogue with potent anti-varicella zoster virus activity.



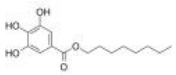
Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Octyl gallate

(n-Octyl gallate; Stabilizer GA 8)

Cat. No.: HY-N2011

Octyl gallate (Progallin O) is widely used as a food additive, with antimicrobial and antioxidant activity. Octyl gallate (Progallin O) shows selective and sensitive fluorescent property.

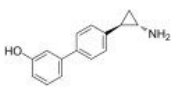


Purity: 99.96%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 100 mg

OG-L002

Cat. No.: HY-19333

OG-L002 is a potent and highly selective **LSD1** inhibitor with an IC_{50} of 0.02 μM. OG-L002 is a potent **monoamine oxidases (MAO)** inhibitor with IC_{50}s of 1.38 μM and 0.72 μM for MAO-A and MAO-B, respectively. OG-L002 potently inhibits the expression of **HSV IE** genes.



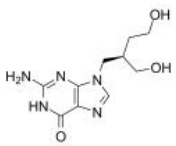
Purity: 99.71%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 50 mg

Omaciclovir

(H2G)

Cat. No.: HY-116174

Omaciclovir (H2G) is a potent and selective inhibitor of herpesvirus replication. Omaciclovir is a nucleoside analog with antiviral activity.



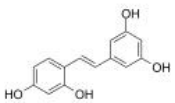
Purity: 99.20%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

Oxyresveratrol

(trans-Oxyresveratrol)

Cat. No.: HY-N1430

Oxyresveratrol (trans-Oxyresveratrol) is a potent naturally occurring antioxidant and free radical scavenger (IC_{50} of 28.9 μM against DPPH free radicals).

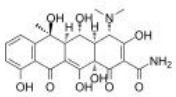


Purity: 98.87%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 100 mg, 500 mg, 1 g

Oxytetracycline

Cat. No.: HY-B0275

Oxytetracycline is an antibiotic belonging to the tetracycline class. Oxytetracycline potent inhibits **Gram-negative and Gram-positive bacteria**.

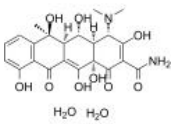


Purity: 99.05%
Clinical Data: Launched
Size: 10 mM × 1 mL, 50 mg, 100 mg

Oxytetracycline dihydrate

Cat. No.: HY-B0275B

Oxytetracycline dihydrate is an antibiotic belonging to the tetracycline class. Oxytetracycline dihydrate potent inhibits **Gram-negative and Gram-positive bacteria**.

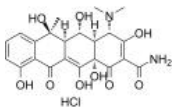


Purity: >98%
Clinical Data: Launched
Size: 1 mg, 5 mg

Oxytetracycline hydrochloride

Cat. No.: HY-B0275A

Oxytetracycline hydrochloride is an antibiotic belonging to the tetracycline class. Oxytetracycline hydrochloride potent inhibits **Gram-negative and Gram-positive bacteria**.

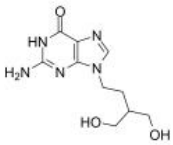


Purity: 98.10%
Clinical Data: Launched
Size: 10 mM × 1 mL, 50 mg

Penciclovir

(BRL 39123; VSA 671) Cat. No.: HY-17424

Penciclovir is reported to be potent against **HSV** types 1 and 2 with IC_{50} of 0.04-1.8 μg/mL and 0.06-4.4 μg/mL, respectively.

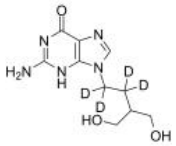


Purity: ≥98.0%
Clinical Data: Launched
Size: 10 mM × 1 mL, 50 mg, 100 mg

Penciclovir-d4

(BRL 39123-d4; VSA 671-d4) Cat. No.: HY-17424S

Penciclovir-d4 (BRL 39123-d4) is the deuterium labeled Penciclovir. Penciclovir is reported to be potent against **HSV** types 1 and 2 with IC_{50} of 0.04-1.8 μg/mL and 0.06-4.4 μg/mL, respectively.

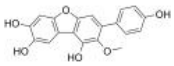


Purity: >98%
Clinical Data: No Development Reported
Size: 2.5 mg, 5 mg

Peniterphenyl A

Cat. No.: HY-N10177

Peniterphenyl A is a natural product obtained from a deep-sea-derived Penicillium sp.

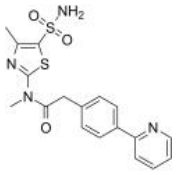


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Pritelivir

(AIC316; BAY 57-1293) Cat. No.: HY-15303

Pritelivir (AIC316), an inhibitor of the viral **helicase-primase complex**, exhibits antiviral activity in vitro and in animal models of herpes simplex virus (**HSV**) infection.

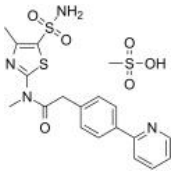


Purity: 98.84%
Clinical Data: Phase 2
Size: 10 mM × 1 mL, 5 mg, 10 mg, 50 mg, 100 mg

Pritelivir mesylate

(AIC316 mesylate; BAY 57-1293 mesylate) Cat. No.: HY-15303A

Pritelivir mesylate (BAY 57-1293 mesylate), an inhibitor of the viral **helicase-primase complex**, exhibits antiviral activity in vitro and in animal models of herpes simplex virus (**HSV**) infection.

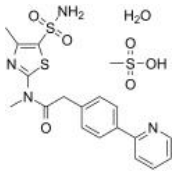


Purity: 98.03%
Clinical Data: No Development Reported
Size: 5 mg

Pritelivir mesylate hydrate

(AIC316 mesylate hydrate; BAY 57-1293 mesylate hydrate) Cat. No.: HY-15303B

Pritelivir mesylate hydrate (BAY 57-1293 mesylate hydrate), an inhibitor of the viral **helicase-primase complex**, exhibits antiviral activity in vitro and in animal models of herpes simplex virus (**HSV**) infection.

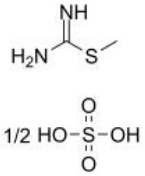


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

S-Methylisothiourea sulfate

Cat. No.: HY-79457

S-Methylisothiourea sulfate is a potent, selective and competitive inhibitor of **inducible nitric oxide synthase (iNOS)**. S-Methylisothiourea sulfate exerts beneficial effects in rodent models of septic shock.

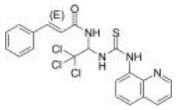


Purity: ≥99.0%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 25 mg

Salubrinal

Cat. No.: HY-15486

Salubrinal is a cell-permeable and selective inhibitor of **eIF2α dephosphorylation**. Salubrinal acts as a dual-specificity phosphatase 2 (**Dusp2**) inhibitor and suppresses inflammation in anti-collagen antibody-induced arthritis.

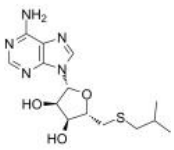


Purity: 99.69%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

SIBA (5'-Isobutylthioadenosine; 5'-Deoxy-5'-isobutylthioadenosine)

Cat. No.: HY-18684

SIBA (5'-Isobutylthioadenosine), a synthetic analogue of SAH (HY-19528), acts as an inhibitor of S-adenosylmethionine-mediated transmethylation.

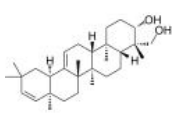


Purity: 99.66%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 50 mg

Soyasapogenol C

Cat. No.: HY-N8156

Soyasapogenol C is an oleanane-type triterpenoid. Soyasapogenol C exhibits anti-**HSV-1** activity, with an IC_{50} of 18.9 μM.

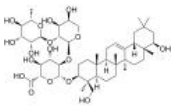


Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 25 mg

Soyasaponin II

Cat. No.: HY-122920

Soyasaponin II is a saponin with antiviral activity. Soyasaponin II inhibits the replication of HSV-1, HCMV, influenza virus, and HIV-1. Soyasaponin II shows potent inhibition on HSV-1 replication.



Purity: 99.81%
Clinical Data: No Development Reported
Size: 1 mg

Stearyl gallate

Cat. No.: HY-N8082

Stearyl gallate is an alkyl gallate with a long alkyl chain (carbon number of 18). Stearyl gallate has an antioxidant activity, and a weak antiviral activity against **HSV-1**.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 25 mg

Surfactin

Cat. No.: HY-129555

Surfactin is a potent cyclic lipopeptide biosurfactants consists of four isomers (Surfactin A, B, C and D), which mediates flux of mono-and divalent cations, such as calcium, across lipid bilayer membranes.

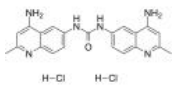
Purity: 95.64%
Clinical Data: No Development Reported
Size: 10 mg, 50 mg

Surfen dihydrochloride

(Aminoquincarbamide dihydrochloride)

Cat. No.: HY-122704A

Surfen dihydrochloride is a potent **HS (heparan sulfate)** antagonist. Surfen binds to glycosaminoglycans. Surfen neutralizes the anticoagulant activity of both unfractionated and low molecular weight heparins.



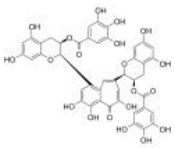
Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

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.



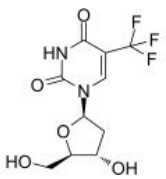
Purity: 99.73%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg

Trifluridine

(Trifluorothymidine; 5-Trifluorothymidine; TFT)

Cat. No.: HY-A0061

Trifluridine (Trifluorothymidine; 5-Trifluorothymidine; TFT) is an irreversible **thymidylate synthase** inhibitor, and thereby suppresses **DNA synthesis**. Trifluridine is an antiviral drug for **herpes simplex virus (HSV)** infection.



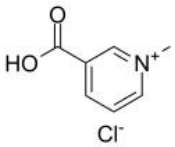
Purity: 99.72%
Clinical Data: Launched
Size: 10 mM × 1 mL, 50 mg, 100 mg, 200 mg

Trigonelline chloride

(Trigonelline hydrochloride)

Cat. No.: HY-N0415

Trigonelline chloride, an alkaloid with potential antidiabetic activity, is present in considerable amounts in coffee. Trigonelline chloride has anti-**HSV-1** , antibacterial, and antifungal activities.



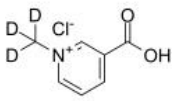
Purity: 98.46%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 100 mg, 500 mg

Trigonelline-d3 chloride

(Trigonelline-d3 hydrochloride)

Cat. No.: HY-N0415S

Trigonelline-d3 chloride (Trigonelline-d3 hydrochloride) is the deuterium labeled Trigonelline chloride. Trigonelline chloride, an alkaloid with potential antidiabetic activity, is present in considerable amounts in coffee.

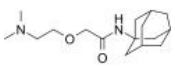


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Tromantadine

Cat. No.: HY-U00124

Tromantadine hydrochloride, an Amantadine derivative with antiherpetic activity, inhibits **herpes simplex virus type 1 (HSV-1)** and **HSV-2 replication**.

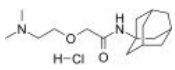


Purity: ≥99.0%
Clinical Data: Launched
Size: 1 mg, 5 mg

Tromantadine hydrochloride

Cat. No.: HY-U00124B

Tromantadine hydrochloride, an Amantadine derivative with antiherpetic activity, inhibits **herpes simplex virus type 1 (HSV-1)** and **HSV-2** replication.

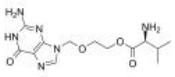


Purity: ≥98.0%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 50 mg, 100 mg

Valacyclovir

(Valaciclovir) Cat. No.: HY-17425

Valacyclovir (Valaciclovir) is an orally active **antiviral** drug for herpes simplex, herpes zoster, and herpes B. Valacyclovir inhibits **HSV-1** W ($_{50}$=2.9 μg/ml). Valacyclovir is a prodrug of Aciclovir (HY-17422) .

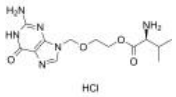


Purity: >98%
Clinical Data: Launched
Size: 1 mg, 5 mg

Valacyclovir hydrochloride

(Valaciclovir hydrochloride) Cat. No.: HY-17425A

Valacyclovir hydrochloride (Valaciclovir hydrochloride) is an orally active **antiviral** drug for herpes simplex, herpes zoster, and herpes B. Valacyclovir hydrochloride inhibits **HSV-1** W ($_{50}$=2.9 μg/ml). Valacyclovir hydrochloride is a prodrug of Aciclovir (HY-17422) .

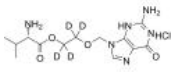


Purity: 99.85%
Clinical Data: Launched
Size: 10 mM × 1 mL, 10 mg, 50 mg

Valacyclovir-d4 hydrochloride

Cat. No.: HY-17425AS1

Valacyclovir-d4 hydrochloride is the deuterium labeled Valacyclovir hydrochloride. Valacyclovir hydrochloride (Valaciclovir hydrochloride) is an orally active **antiviral** drug for herpes simplex, herpes zoster, and herpes B.

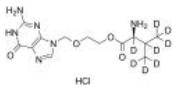


Purity: >98%
Clinical Data:
Size: 1 mg, 10 mg

Valacyclovir-d8 hydrochloride

Cat. No.: HY-17425AS

Valacyclovir-d8 hydrochloride is the deuterium labeled Valacyclovir hydrochloride. Valacyclovir hydrochloride (Valaciclovir hydrochloride) is an orally active **antiviral** drug for herpes simplex, herpes zoster, and herpes B.

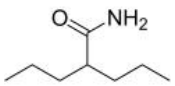


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Valpromide

Cat. No.: HY-B2117

Valpromide is an amide derivative of valproic acid and inhibits human **epoxide hydrolase**.

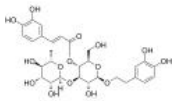


Purity: ≥98.0%
Clinical Data: Launched
Size: 10 mM × 1 mL, 10 mg, 50 mg, 100 mg

Verbascoside

(Acteoside; Kusaginin; TJC160) Cat. No.: HY-N0021

Verbascoside is isolated from Lantana camara, acts as an ATP-competitive inhibitor of **PKC**, with an **IC$_{50}$** of 25 μM, and has antitumor, anti-inflammatory and antineuropathic pain activity.

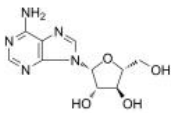


Purity: 99.83%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 10 mg, 50 mg, 100 mg

Vidarabine (Ara-A; Adenine Arabinoside; 9-β-D-Arabinofuranosyladenine)

Cat. No.: HY-B0277

Vidarabine (Ara-A) an antiviral drug which is active against herpes simplex and varicella zoster viruses. Vidarabine has IC$_{50}$s of 9.3 μg/ml for HSV-1 and 11.3 μg/ml for HSV-2.

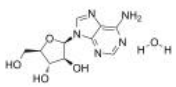


Purity: ≥98.0%
Clinical Data: Launched
Size: 10 mM × 1 mL, 100 mg, 200 mg, 500 mg

Vidarabine monohydrate

Cat. No.: HY-N6666

Vidarabine monohydrate is an adenine arabinoside. Vidarabine monohydrate an antiviral drug which is active against herpes simplex viruses (**HSV**) and varicella zoster viruses.

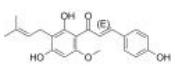


Purity: 99.96%
Clinical Data: Launched
Size: 10 mM × 1 mL, 50 mg

Xanthohumol

Cat. No.: HY-N1067

Xanthohumol is one of the principal flavonoids isolated from hops, the inhibitor of diacylglycerol acetyltransferase (**DGAT**), **COX-1** and COX-2, and shows anti-cancer and anti-angiogenic activities.

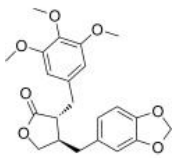


Purity: 99.84%
Clinical Data: Phase 1
Size: 10 mM × 1 mL, 5 mg, 10 mg, 25 mg

Yatein

Cat. No.: HY-N1060

Yatein is a lignan isolated from A. chilensis, with antiproliferative activity. Yatein suppresses **herpes simplex virus type 1 (HSV-1)** replication by interruption the immediate-early gene expression.

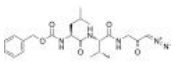


Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 25 mg

Z-LVG-CHN2

Cat. No.: HY-108137

Z-LVG-CHN2 is a cell-permeable and irreversible inhibitor of **cysteine proteinase**. Z-LVG-CHN2 is a tripeptide derivative and mimics part of the human cysteine proteinase-binding center.

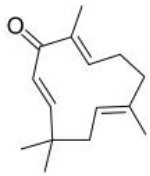


Purity: 99.88%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg

Zerumbone

Cat. No.: HY-N7015

Zerumbone is a monocyclic sesquiterpene compound isolated from the rhizomes of Zingiber zerumbet Smith. Zerumbone potently inhibits the activation of **Epstein-Barr virus** with an IC_{50} of 0.14 mM. Zerumbone has anti-cancer, antioxidant, anti-inflammatory and anti-proliferative activity.



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