

HSV

Herpes simplex virus

HDAC Inhibitor:
Vorinostat (SAHA)



HDAC (Histone deacetylase)

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 scab 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 & Modulators

1-Docosanol

(Behenyl alcohol)

Cat. No.: HY-B0222

Bioactivity: 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: 5 g, 10 g



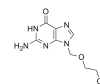
Acyclovir

(Aciclovir; Acycloguanosine)

Cat. No.: HY-17422

Bioactivity: Acyclovir, a molecule tailored to inactivate the thymidine kinase of the herpesvirus, is a guanosine analogue antiviral drug. It is a drug for HSV infection by GlaxoSmithKline.

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg, 500 mg



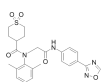
Amenamevir

(ASP2151)

Cat. No.: HY-14809

Bioactivity: Amenamevir is a **helicase-primase** inhibitor which has potent antiviral activity against **HSVs** with an **EC₅₀** of 14 ng/mL.

Purity: 98.0%
Clinical Data: Phase 3
Size: 1 mg, 5 mg, 10 mg, 50 mg, 100 mg

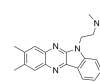


B220

Cat. No.: HY-100272

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

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

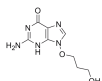


BRL44385

Cat. No.: HY-U00224

Bioactivity: 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, 10 mg, 20 mg



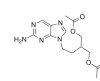
Famciclovir

(BRL 42810)

Cat. No.: HY-17426

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

Purity: 98.81%
Clinical Data: Launched
Size: 10mM x 1mL in Water, 50 mg, 100 mg



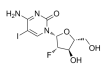
Fiacitabine

(NSC 382097; FIAC; FOAC)

Cat. No.: HY-50735

Bioactivity: Fiacitabine(NSC 382097; FIAC; FOAC) is a selective inhibitor 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: 98.93%
Clinical Data: Phase 2
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



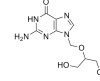
Ganciclovir

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

Cat. No.: HY-13637

Bioactivity: Ganciclovir is a potent **herpes simplex virus (HSV)**inhibitor, including cytomegalovirus (**CMV**), with an **IC₅₀** of 5.2 μM for feline herpesvirus type-1 (FHV-1).

Purity: 99.77%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg, 1 g, 5 g



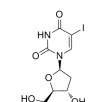
Idoxuridine

(5-IUdR; IDU; IdUrd; 5-Iodo-2'-deoxyuridine)

Cat. No.: HY-B0307

Bioactivity: Idoxuridine is an antiviral agent for feline herpesvirus type-1 with IC50 of 4.3 μM.

Purity: 99.88%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 1 g, 5 g, 10 g



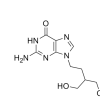
Penciclovir

(BRL 39123; VSA 671)

Cat. No.: HY-17424

Bioactivity: Penciclovir is reported to be potent against **HSV** types 1 and 2 with **IC₅₀** of 0.04-1.8 μg/mL and 0.06-4.4 μg/mL, respectively.

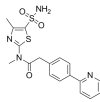
Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg



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

Bioactivity: Pritelivir (BAY 57-1293; AIC316) represents a new class of potent inhibitors of herpes simplex virus (HSV) that target the virus helicase primase complex.

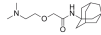
Purity: 98.38%
Clinical Data: Phase 2
Size: 10mM x 1mL in DMSO,
 5 mg, 10 mg, 50 mg, 100 mg



Tromantadine Cat. No.: HY-U00124

Bioactivity: Tromantadine is a herpes simplex virus (HSV) inhibitor.

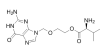
Purity: 99.0%
Clinical Data: Launched
Size: 1 mg, 5 mg, 10 mg, 20 mg



Valacyclovir
(Valaciclovir) Cat. No.: HY-17425

Bioactivity: Valacyclovir is an antiviral drug used in the management of herpes simplex, herpes zoster, and herpes B.

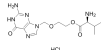
Purity: >98%
Clinical Data: Launched
Size: 10 mg, 50 mg



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

Bioactivity: Valacyclovir hydrochloride is an antiviral drug used in the management of herpes simplex, herpes zoster, and herpes B.

Purity: 96.40%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO,
 10 mg, 50 mg



Vidarabine (Ara-A; Adenine Arabinoside;
9-β-D-Arabinofuranosyladenine) Cat. No.: HY-B0277

Bioactivity: Vidarabine (Ara-A) an antiviral drug which is active against herpes simplex and varicella zoster viruses.

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

