Cytomegalovirus (CMV) is a viral genus of the viral family known as Herpesviridae or herpesviruses. Within Herpesviridae, CMV belongs to the Beta herpesvirinae subfamily, which also includes the genera Muromegalovirus and Roseolovirus (HHV-6 and HHV-7). All herpesviruses share a characteristic ability to remain latent within the body over long periods. Although they may be found throughout the body, CMV infections are frequently associated with the salivary glands in humans and other mammals. Several species of Cytomegalovirus have been identified and classified for different mammals. Such as Human cytomegalovirus (HCMV), Chimpanzee cytomegalovirus (CCMV), Simian cytomegalovirus (SCCMV) and Rhesus cytomegalovirus (RhCMV) etc.
CMV Inhibitors & Modulators

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

Brincidofovir
(CMX001; HDP-CDV)
Cat. No.: HY-14532

Bioactivity: Brincidofovir (CMX001; HDP-CDV) is an orally active, lipophilic form of cidofovir (CDV); has enhanced activity in vitro and in vivo compared to CDV against certain herpesviruses, adenoviruses and orthopoxviruses.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 2 mg, 5 mg, 10 mg, 25 mg, 50 mg

Brivudine
(Bromovinyldeoxyuridine; BVDU)
Cat. No.: HY-13578

Bioactivity: Brivudine is a thymidine analogue with antiviral activity, indicated for the early treatment of acute herpes zoster.

Purity: >98%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 25 mg, 50 mg, 100 mg, 200 mg

Cidofovir dihydrate
(HPMPC dihydrate; (S)-HPMPC dihydrate)
Cat. No.: HY-17438A

Bioactivity: Cidofovir dehydrate is an injectable antiviral medication for the treatment of cytomegalovirus (CMV) retinitis, which suppresses virus replication by selective inhibition of viral DNA synthesis.

Purity: >98%
Clinical Data: Launched
Size: 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

Brincidofovir
(CMX001; HDP-CDV)
Cat. No.: HY-14532

Bioactivity: Brincidofovir (CMX001; HDP-CDV) is an orally active, lipophilic form of cidofovir (CDV); has enhanced activity in vitro and in vivo compared to CDV against certain herpesviruses, adenoviruses and orthopoxviruses.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 2 mg, 5 mg, 10 mg, 25 mg, 50 mg

Brivudine
(Bromovinyldeoxyuridine; BVDU)
Cat. No.: HY-13578

Bioactivity: Brivudine is a thymidine analogue with antiviral activity, indicated for the early treatment of acute herpes zoster.

Purity: >98%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 25 mg, 50 mg, 100 mg, 200 mg

Cidofovir dihydrate
(HPMPC dihydrate; (S)-HPMPC dihydrate)
Cat. No.: HY-17438A

Bioactivity: Cidofovir dehydrate is an injectable antiviral medication for the treatment of cytomegalovirus (CMV) retinitis, which suppresses virus replication by selective inhibition of viral DNA synthesis.

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

Maribavir
(1263W94; BW1263W94; GW257406X)
Cat. No.: HY-16305

Bioactivity: Maribavir is a potent inhibitor of histone phosphorylation catalyzed by wild-type pUL97 in vitro, with an IC₅₀ of 3 nM. Maribavir has potent antiviral activity against HCMV and Epstein-Barr virus (EBV).

Purity: 98.69%
Clinical Data: Phase 3
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg

Letemovir
(AIC246)
Cat. No.: HY-15233

Bioactivity: Letemovir is a novel inhibitor of CMV, which targets the viral terminase complex and remains active against virus resistant to DNA polymerase inhibitors.

Purity: 98.75%
Clinical Data: Phase 2
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg

Maribavir
(1263W94; BW1263W94; GW257406X)
Cat. No.: HY-16305

Bioactivity: Maribavir is a potent inhibitor of histone phosphorylation catalyzed by wild-type pUL97 in vitro, with an IC₅₀ of 3 nM. Maribavir has potent antiviral activity against HCMV and Epstein-Barr virus (EBV).

Purity: 98.69%
Clinical Data: Phase 3
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg

Valganciclovir
Valganciclovir hydrochloride
Cat. No.: HY-A0032
Cat. No.: HY-A0032A

Bioactivity: Valganciclovir, the L-valyl ester of ganciclovir, is actually a prodrug for ganciclovir. Valganciclovir is an antiviral medication used to treat cytomegalovirus infections.

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

Valganciclovir
Valganciclovir hydrochloride
Cat. No.: HY-A0032
Cat. No.: HY-A0032A

Bioactivity: Valganciclovir (hydrochloride), the L-valyl ester of ganciclovir, is actually a prodrug for ganciclovir. Valganciclovir is an antiviral medication used to treat cytomegalovirus infections.

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