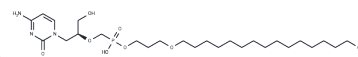


## Brincidofovir

## Chemical Properties

CAS No. :	444805-28-1
Formula:	C <sub>27</sub> H <sub>52</sub> N <sub>3</sub> O <sub>7</sub> P
Molecular Weight:	561.69
Storage:	Store at low temperature Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Brincidofovir (HDP-CDV) is an orally active, lipophilic form of cidofovir. It has enhanced activity compared to CDV against certain adenoviruses, herpesviruses, and orthopoxviruses.
Targets(IC50)	Antiviral,HSV,Virus Protease

## Solubility Information

Solubility	0.1 M NaOH: 20 mg/mL (35.61 mM),Sonication is recommended. 0.1M NaOH: 29 mg/mL (51.63 mM) DMSO: 1 mg/mL (1.78 mM),when pH is adjusted to 6 with NaOH. Heating to 50°C is recommended. H <sub>2</sub> O: < 1 mg/mL (insoluble or slightly soluble) (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7803 mL	8.9017 mL	17.8034 mL
5 mM	0.3561 mL	1.7803 mL	3.5607 mL
10 mM	0.178 mL	0.8902 mL	1.7803 mL
50 mM	0.0356 mL	0.178 mL	0.3561 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Marty FM, et al. CMX001 to prevent cytomegalovirus disease in hematopoietic-cell transplantation. N Engl J Med. 2013 Sep 26;369(13):1227-36.

Dsouza L, Pant A, Offei S, et al. Antiviral activities of two nucleoside analogs against vaccinia, mpox, and cowpox viruses in primary human fibroblasts. Antiviral Research. 2023: 105651.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286    E\_mail: info@targetmol.com    Address: 34 Washington Street, Wellesley Hills, MA 02481