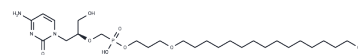


Brincidofovir

Chemical Properties

CAS No. :	444805-28-1
Formula:	C ₂₇ H ₅₂ N ₃ O ₇ P
Molecular Weight:	561.69
Appearance:	no data available
Storage:	store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year



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)	Others,Antiviral,HSV

Solubility Information

Solubility	0.1 M NaOH: 20 mg/mL (35.60 mM),Sonication is recommended. DMSO: 1 mg/mL (1.78 mM),when pH is adjusted to 6 with NaOH. Heating to 50°C is recommended. (< 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.

Reference

Dsouza L, Pant A, Offei S, et al.Antiviral activities of two nucleos (t) ide 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:36 Washington Street,Wellesley Hills,MA 02481