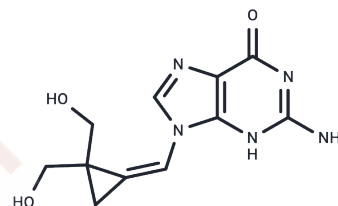


Cyclopropavir

Chemical Properties

CAS No. :	632325-71-4
Formula:	C ₁₁ H ₁₃ N ₅ O ₃
Molecular Weight:	263.25
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Cyclopropavir (Filociclovir; MBX-400) is a compound of broad-spectrum anti-herpesvirus. It has good antiviral activity against cytomegalovirus (CMV), herpes simplex virus (HSV)-6 and HSV-8 (EC ₅₀ s: 0.7 μM to 8 μM).
Targets(IC ₅₀)	Others, HSV, Virus Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7987 mL	18.9934 mL	37.9867 mL
5 mM	0.7597 mL	3.7987 mL	7.5973 mL
10 mM	0.3799 mL	1.8993 mL	3.7987 mL
50 mM	0.076 mL	0.3799 mL	0.7597 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

Kern ER, et al. In vitro activity and mechanism of action of methylenecyclopropane analogs of nucleosides against herpesvirus replication. Antimicrob Agents Chemother. 2005 Mar;49(3):1039-45.

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