

Product Data Sheet

Product Name: Cyclopropavir

Cat. No.: GC35782

Chemical Properties

Cas. No. 632325-71-4

SMILES O=C1NC(N)=NC2=C1N=CN2/C=C3C(CO)(CO)C\3

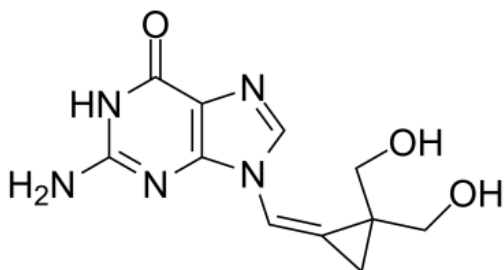
Formula $C_{11}H_{13}N_5O_3$ M.Wt 263.25

Solubility DMSO : 33.33 mg/mL (126.60 mM; ultrasonic and warming and heat to 60°C) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

Cyclopropavir (Filociclovir; ZSM-I-62; MBX-400) is a broad-spectrum anti-herpesvirus compound, has good antiviral activity against cytomegalovirus (CMV), herpes simplex virus (HSV)-6 and HSV-8 with EC50s of 0.7 μ M to 8 μ M[1].

[1]. Kern ER, et al. In vitro activity and mechanism of action of methylenecyclopropane analogs of

Caution: Product has not been fully validated for medical applications. For research use only.

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nucleosides against herpesvirus replication. Antimicrob Agents Chemother. 2005 Mar;49(3):1039-45.

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