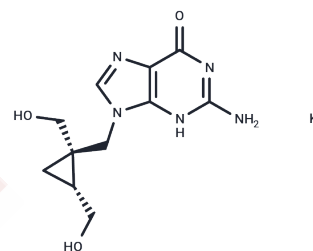


Eprociclovir potassium

Chemical Properties

CAS No. :	219657-37-1
Formula:	C ₁₁ H ₁₅ KN ₅ O ₃
Molecular Weight:	304.37
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	Eprociclovir potassium is a new acyclovir analogue and a potent inhibitor of EHV1 replication and may have potential for the treatment and/or prophylaxis of infections with this virus. Eprociclovir possess potent anti-herpetic activity against most human herpesviruses. A-5021 proved to be about 15-fold more potent than acyclovir in inhibiting viral replication. Eprociclovir inhibits murine herpetic keratitis. A-5021 eyedrops, which are easily applied onto the affected cornea, ameliorated clinical scores and suppressed virus growth. Eprociclovir is a promising alternative treatment of herpetic keratitis.
Targets(IC50)	Others,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2855 mL	16.4274 mL	32.8547 mL
5 mM	0.6571 mL	3.2855 mL	6.5709 mL
10 mM	0.3285 mL	1.6427 mL	3.2855 mL
50 mM	0.0657 mL	0.3285 mL	0.6571 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

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