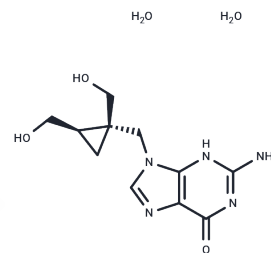


## Eprociclovir dihydrate

## Chemical Properties

CAS No. :	635678-85-2
Formula:	C <sub>11</sub> H <sub>19</sub> N <sub>5</sub> O <sub>5</sub>
Molecular Weight:	301.3
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 dihydrate 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

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.319 mL	16.5948 mL	33.1895 mL
5 mM	0.6638 mL	3.319 mL	6.6379 mL
10 mM	0.3319 mL	1.6595 mL	3.319 mL
50 mM	0.0664 mL	0.3319 mL	0.6638 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**

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