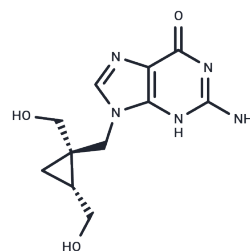


Eprociclovir

Chemical Properties

CAS No. :	145512-85-2
Formula:	C ₁₁ H ₁₅ N ₅ O ₃
Molecular Weight:	265.27
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 (A-5021) is a novel acyclovir analog that is a potent inhibitor of EHV1 replication and may be used for the treatment and/or prevention of infections with this virus. Eprociclovir has potent anti-herpetic activity against most human herpesviruses.
Targets(IC50)	Antifection, DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7697 mL	18.8487 mL	37.6974 mL
5 mM	0.7539 mL	3.7697 mL	7.5395 mL
10 mM	0.377 mL	1.8849 mL	3.7697 mL
50 mM	0.0754 mL	0.377 mL	0.7539 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

- Glorieux S, et al. Evaluation of the antiviral activity of (1'S,2'R)-9-[[1',2'-bis(hydroxymethyl)cycloprop-1'-yl]methyl]guanine (A-5021) against equine herpesvirus type 1 in cell monolayers and equine nasal mucosal explants. *Antiviral Res.* 2012 Feb;93(2):234-8.
- Ostrowski T, et al. Synthesis and anti-VZV activity of 6-heteroaryl derivatives of tricyclic acyclovir and 9-[[cis-1',2'-bis(hydroxymethyl)cycloprop-1'-yl]methyl]guanine analogues. *Eur J Med Chem.* 2009 Aug;44(8):3313-7.
- Itahashi M, et al. A-5021: a new acyclovir analogue inhibits murine herpetic keratitis. *Cornea.* 2008 Apr;27(3):334-8.
- De Clercq E, et al. In search of effective anti-HHV-6 agents. *J Clin Virol.* 2006 Dec;37 Suppl 1:S82-6.

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