

Rociclovir PM

Chemical Properties

CAS No. :	89419-23-8
Formula:	C ₉ H ₁₃ N ₅ O ₃
Molecular Weight:	239.23
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	Rociclovir PM (2-[(2-aminopurin-9-yl)methoxy]propane-1,3-diol) is a compound with antiviral activity
Targets(IC50)	Antiviral,HSV

Solubility Information

Solubility	DMSO: 22.5 mg/mL (94.05 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1801 mL	20.9004 mL	41.8008 mL
5 mM	0.836 mL	4.1801 mL	8.3602 mL
10 mM	0.418 mL	2.090 mL	4.1801 mL
50 mM	0.0836 mL	0.418 mL	0.836 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

Kelvin K. Ogilvie, et al. Galloway. 2015 Synthesis of a purine acyclonucleoside series having pronounced antiviral activity. The glyceropurines. Canadian Journal of Chemistry. 62(2): 241-252.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481