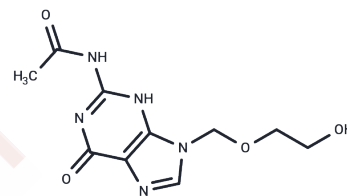


N2-Acetylaciclovir

Chemical Properties

CAS No. :	110104-37-5
Formula:	C ₁₀ H ₁₃ N ₅ O ₄
Molecular Weight:	267.24
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	N2-Acetylaciclovir (Aciclovir EP Impurity F) is a derivative of the antiviral compound Aciclovir, which has selective T-cell immunotoxicity.
Targets(IC50)	Others,Antibacterial

Solubility Information

Solubility	DMSO: 30 mg/mL (112.26 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	3.742 mL	18.7098 mL	37.4195 mL
5 mM	0.7484 mL	3.742 mL	7.4839 mL
10 mM	0.3742 mL	1.871 mL	3.742 mL
50 mM	0.0748 mL	0.3742 mL	0.7484 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

Kristl A, et al. Evaluation of partitioning and solubility data for some guanine derivatives in terms of mutual miscibility of octanol and water phase. Pharmazie, 1993, 48(8): 608-610.

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