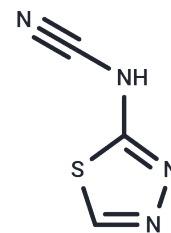


Amitivir

Chemical Properties

CAS No. :	111393-84-1
Formula:	C ₃ H ₂ N ₄ S
Molecular Weight:	126.14
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	Amitivir (LY 217896) is an inosine monophosphate dehydrogenase inhibitor. Amitivir inhibits the replication of dividing MDCK cells. Amitivir was associated with asymptomatic rises in serum uric acid levels and was ineffective in modifying the virologic or clinical course of experimental influenza A (H1N1) virus infection.
Targets(IC50)	Influenza Virus

Solubility Information

Solubility	DMSO: 75 mg/mL (594.58 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	7.9277 mL	39.6385 mL	79.277 mL
5 mM	1.5855 mL	7.9277 mL	15.8554 mL
10 mM	0.7928 mL	3.9638 mL	7.9277 mL
50 mM	0.1586 mL	0.7928 mL	1.5855 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

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- Hayden FG, Tunkel AR, Treanor JJ, Betts RF, Allerheiligen S, Harris J. Oral LY217896 for prevention of experimental influenza A virus infection and illness in humans. Antimicrob Agents Chemother. 1994 May;38(5):1178-8PubMed PMID: 8067760; PubMed Central PMCID: PMC188174.
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Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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