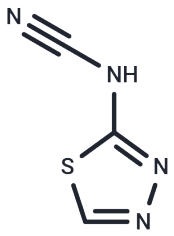
Data Sheet (Cat.No.T26619)

TargetMol
YOUR TARGET MOLECULES

Amitivir

Chemical Properties



CAS No. : 111393-84-1

Formula: C3H2N4S

Molecular Weight: 126.14

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

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)	Others,Influenza Virus

Solubility Information

Solubility	DMSO: 75 mg/ml (594.58 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)

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.

Reference

Herman J L , Chay S H . Quantitative Whole-body Autoradiography in Pregnant Rabbits to Determine Fetal Exposure of Potential Teratogenic Compounds[J]. Journal of Pharmacological & Toxicological Methods, 1998, 39(1):

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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