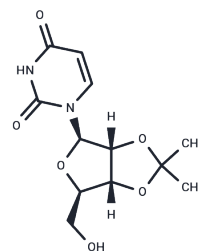


2',3'-Isopropylideneuridine

Chemical Properties

CAS No. :	362-43-6
Formula:	C ₁₂ H ₁₆ N ₂ O ₆
Molecular Weight:	284.27
Storage:	Store at low temperature 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	2',3'-Isopropylideneuridine is a nucleoside derivative that has shown antiviral activity in several studies, particularly against members of the Flaviviridae family (Flaviviruses), such as Hepatitis C virus (HCV).
Targets(IC50)	Nucleoside Antimetabolite/Analog

Solubility Information

Solubility	DMSO: 180 mg/mL (633.2 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	3.5178 mL	17.5889 mL	35.1778 mL
5 mM	0.7036 mL	3.5178 mL	7.0356 mL
10 mM	0.3518 mL	1.7589 mL	3.5178 mL
50 mM	0.0704 mL	0.3518 mL	0.7036 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

Warshaw JA, et al. 2'-azido-2',3'-dideoxypyrimidine nucleosides. Synthesis and antiviral activity against human immunodeficiency virus. J Med Chem. 1990 Jun;33(6):1663-6. d

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