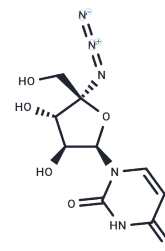


Nucleoside-Analog-2

Chemical Properties

CAS No. :	876708-01-9
Formula:	C ₉ H ₁₁ N ₅ O ₆
Molecular Weight:	285.21
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	Nucleoside-Analog-2 is a 4'-Azidocytidine analogue used against Hepatitis C virus (HCV) replication.
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others,HCV Protease
In vitro	Nucleoside-Analog-2 is a 4'-Azidocytidine analogue effective against Hepatitis C virus (HCV) replication[1].

Solubility Information

Solubility	H ₂ O: 20 mg/mL (70.12 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	3.5062 mL	17.5309 mL	35.0619 mL
5 mM	0.7012 mL	3.5062 mL	7.0124 mL
10 mM	0.3506 mL	1.7531 mL	3.5062 mL
50 mM	0.0701 mL	0.3506 mL	0.7012 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

Smith DB, et al. The design, synthesis, and antiviral activity of 4'-azidocytidine analogues against hepatitis C virus replication: the discovery of 4'-azidoarabincytidine. J Med Chem. 2009 Jan 8;52(1):219-23.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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