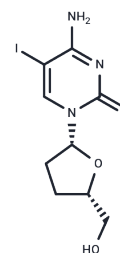


2',3'-Dideoxy-5-iodocytidine

Chemical Properties

CAS No. :	114748-57-1
Formula:	C ₉ H ₁₂ N ₃ O ₃
Molecular Weight:	337.11
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	2',3'-Dideoxy-5-iodocytidine, a chemical compound, is employed in gene sequencing and functions as an antibiotic. It exhibits significant efficacy specifically against Mycobacterium.
Targets(IC50)	Others,Antibacterial,Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9664 mL	14.832 mL	29.6639 mL
5 mM	0.5933 mL	2.9664 mL	5.9328 mL
10 mM	0.2966 mL	1.4832 mL	2.9664 mL
50 mM	0.0593 mL	0.2966 mL	0.5933 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

Dinesh Rai, et al. Inhibition of Mycobacterium tuberculosis, Mycobacterium bovis, and Mycobacterium avium by novel dideoxy nucleosides. J Med Chem. 2007 Sep 20;50(19):4766-74.

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