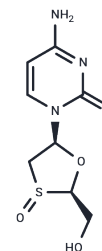


Lamivudine sulfoxide, (R)-

Chemical Properties

CAS No. :	160552-54-5
Formula:	C ₈ H ₁₁ N ₃ O ₄ S
Molecular Weight:	245.26
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	Lamivudine sulfoxide, (R)- is a metabolite of Lamivudine. Lamivudine is a potent nucleoside reverse transcriptase inhibitor and antiviral agent used for the treatment of chronic hepatitis B.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0773 mL	20.3865 mL	40.7731 mL
5 mM	0.8155 mL	4.0773 mL	8.1546 mL
10 mM	0.4077 mL	2.0387 mL	4.0773 mL
50 mM	0.0815 mL	0.4077 mL	0.8155 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

Plumb RS, Gray RD, Harker AJ, Taylor S. High-performance chromatographic assay for the sulphoxide metabolite of 2'-deoxy-3'-thiacytidine in human urine. J Chromatogr B Biomed Appl. 1996 Dec 13;687(2):457-61. PubMed PMID: 9017472.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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