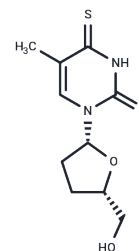


3'-Deoxy-4-thiothymidine

Chemical Properties

CAS No. :	122568-03-0
Formula:	C10H14N2O3S
Molecular Weight:	242.29
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	3'-Deoxy-4-thiothymidine can moderately active in protecting HIV-induced cytopathogenicity of MT-2 and CEM cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1273 mL	20.6364 mL	41.2729 mL
5 mM	0.8255 mL	4.1273 mL	8.2546 mL
10 mM	0.4127 mL	2.0636 mL	4.1273 mL
50 mM	0.0825 mL	0.4127 mL	0.8255 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

Palomino E, Meltsner BR, Kessel D, Horwitz JP. Synthesis and in vitro evaluation of some modified 4-thiopyrimidine nucleosides for prevention or reversal of AIDS-associated neurological disorders. J Med Chem. 1990 Jan;33(1):258-63. PubMed PMID: 2153206.

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