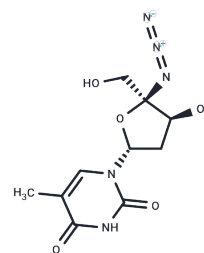


4'-Azidothymidine

Chemical Properties

CAS No. :	130108-72-4
Formula:	C ₁₀ H ₁₃ N ₅ O ₅
Molecular Weight:	283.24
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	4'-Azidothymidine exhibits potent and selective activity against the human immunodeficiency virus.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5306 mL	17.6529 mL	35.3057 mL
5 mM	0.7061 mL	3.5306 mL	7.0611 mL
10 mM	0.3531 mL	1.7653 mL	3.5306 mL
50 mM	0.0706 mL	0.3531 mL	0.7061 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

Chen MS, Suttman RT, Wu JC, Prisbe EJ. Metabolism of 4'-azidothymidine. A compound with potent and selective activity against the human immunodeficiency virus. J Biol Chem. 1992 Jan 5;267(1):257-60. PubMed PMID: 1730594.

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