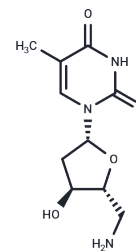


## 5'-Amino-5'-deoxythymidine

## Chemical Properties

CAS No. :	25152-20-9
Formula:	C <sub>10</sub> H <sub>15</sub> N <sub>3</sub> O <sub>4</sub>
Molecular Weight:	241.24
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	5'-Amino-5'-deoxythymidine is a thymidine derivative widely used in biochemical experiments and drug synthesis research.
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1452 mL	20.7262 mL	41.4525 mL
5 mM	0.829 mL	4.1452 mL	8.2905 mL
10 mM	0.4145 mL	2.0726 mL	4.1452 mL
50 mM	0.0829 mL	0.4145 mL	0.829 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, et al. 5'-Amino-5'-deoxythymidine: synthesis, specific phosphorylation by herpesvirus thymidine kinase, and stability to pH of the enzymically formed diphosphate derivative. Antimicrob Agents Chemother. 1980 Sep;18 (3):433-6.

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