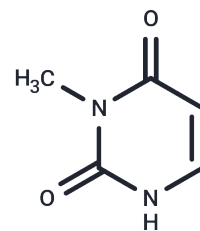


3-Methyluracil

Chemical Properties

CAS No. :	608-34-4
Formula:	C ₅ H ₆ N ₂ O ₂
Molecular Weight:	126.11
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	3-Methyluracil exhibits extremely weak inhibitory activity against uridine phosphorylase 1 and is widely used in biochemical experiments and drug synthesis research.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.9296 mL	39.6479 mL	79.2959 mL
5 mM	1.5859 mL	7.9296 mL	15.8592 mL
10 mM	0.793 mL	3.9648 mL	7.9296 mL
50 mM	0.1586 mL	0.793 mL	1.5859 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

Baker BR, Kelley JL. Irreversible enzyme inhibitors. CLXXI. Inhibition of FUDR phosphorylase from Walker 256 rat tumor by 5-substituted uracils. J Med Chem. 1970 May;13(3):461-7.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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