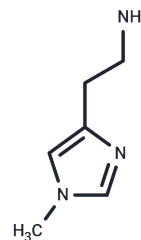


1-Methylhistamine

Chemical Properties

CAS No. :	501-75-7
Formula:	C ₆ H ₁₁ N ₃
Molecular Weight:	125.17
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	1-Methylhistamine is a metabolite of histamine (Him).
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	DMSO: 80.00 mg/mL (639.13 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.9891 mL	39.9457 mL	79.8913 mL
5 mM	1.5978 mL	7.9891 mL	15.9783 mL
10 mM	0.7989 mL	3.9946 mL	7.9891 mL
50 mM	0.1598 mL	0.7989 mL	1.5978 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

Saito K, et al. Determination of urinary excretion of histamine and 1-methylhistamine by liquid chromatography. J Chromatogr B Biomed Appl. 1994 Apr 1;654(2):270-5.

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