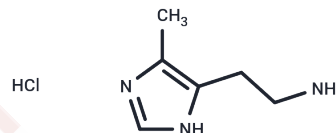


4-Methylhistamine hydrochloride

Chemical Properties

CAS No. :	84103-51-5
Formula:	C ₆ H ₁₂ ClN ₃
Molecular Weight:	161.633
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-Methylhistamine hydrochloride has been shown to inhibit the activity of copper-dependent enzymes such as tyrosinase and dopamine beta-hydroxylase and has also been shown to modulate the expression of genes involved in cell cycle regulation and apoptosis.
Targets(IC50)	Others,Histamine Receptor

Solubility Information

Solubility	DMSO: 55 mg/mL (340.28 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	6.187 mL	30.9349 mL	61.8697 mL
5 mM	1.2374 mL	6.187 mL	12.3739 mL
10 mM	0.6187 mL	3.0935 mL	6.187 mL
50 mM	0.1237 mL	0.6187 mL	1.2374 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.

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