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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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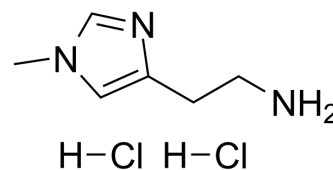
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1-Methylhistamine dihydrochloride

Cat. No.:	HY-W053787
CAS No.:	6481-48-7
Molecular Formula:	C ₆ H ₁₃ Cl ₂ N ₃
Molecular Weight:	198.09
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 62.5 mg/mL (315.51 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	Preparing Stock Solutions		1 mg	5 mg	10 mg
		1 mM	5.0482 mL	25.2411 mL	50.4821 mL
		5 mM	1.0096 mL	5.0482 mL	10.0964 mL
10 mM	0.5048 mL	2.5241 mL	5.0482 mL		
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: PBS Solubility: 100 mg/mL (504.82 mM); Clear solution; Need ultrasonic				

BIOLOGICAL ACTIVITY

Description	1-Methylhistamine dihydrochloride is a histamine metabolite ^[1] .
In Vitro	1-Methylhistamine is a product of histamine 1-methyltransferase in the pathway of histidine metabolism ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. 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.

Caution: Product has not been fully validated for medical applications. For research use only.

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