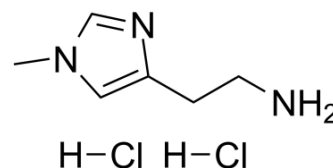


1-Methylhistamine dihydrochloride

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

H₂O : 62.5 mg/mL (315.51 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent		Mass		
	Concentration		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.

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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