

3-Methylhistamine dihydrochloride

Chemical Properties

CAS No.:	36475-47-5
Formula:	C ₆ H ₁₃ Cl ₂ N ₃
Molecular Weight:	198.09
Appearance:	neat
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	N tau-methylhistamine is one of the histamine metabolites. N tau-methylhistamine in plasma and urine is a good parameter for histamine release, and the determination of this histamine metabolite is generally less hampered by possible artifacts (due to basophil disruption, a very short half-life time or bacterial production) than determinations of histamine itself.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	DMSO: 10 mM (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.048 mL	25.241 mL	50.482 mL
5 mM	1.01 mL	5.048 mL	10.096 mL
10 mM	0.505 mL	2.524 mL	5.048 mL
50 mM	0.101 mL	0.505 mL	1.01 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Keyzer JJ, et al. Measurement of N tau-methylhistamine concentrations in plasma and urine as a parameter for histamine release during anaphylactoid reactions. Agents Actions. 1985 Apr;16(3-4):76-9.

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