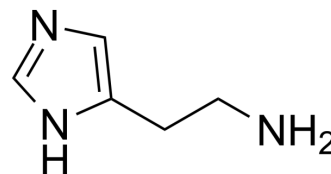


Histamine

Cat. No.:	HY-B1204
CAS No.:	51-45-6
Molecular Formula:	C ₅ H ₉ N ₃
Molecular Weight:	111.15
Target:	Histamine Receptor; Endogenous Metabolite
Pathway:	GPCR/G Protein; Immunology/Inflammation; Neuronal Signaling; Metabolic Enzyme/Protease
Storage:	4°C, stored under nitrogen, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

H₂O : ≥ 34 mg/mL (305.89 mM)
* "≥" means soluble, but saturation unknown.

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	8.9969 mL	44.9843 mL	89.9685 mL
	5 mM	1.7994 mL	8.9969 mL	17.9937 mL
	10 mM	0.8997 mL	4.4984 mL	8.9969 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Histamine is an organic nitrogenous compound involved in local immune responses as well as regulating physiological function in the gut and acting as a neurotransmitter.

IC₅₀ & Target

Human Endogenous Metabolite

CUSTOMER VALIDATION

- Br J Pharmacol. 2021 Jan 27.
- Front Pharmacol. 2019 Nov 15;10:1380.

See more customer validations on www.MedChemExpress.com

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

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