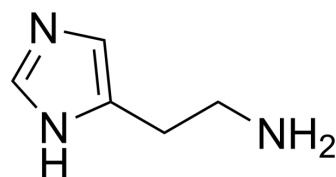


Histamine dihydrochloride

Cat. No.:	HY-B0722
CAS No.:	56-92-8
Molecular Formula:	C ₅ H ₁₁ Cl ₂ N ₃
Molecular Weight:	184
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)



HCl HCl

SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (543.48 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	5.4348 mL	27.1739 mL	54.3478 mL
		5 mM	1.0870 mL	5.4348 mL	10.8696 mL
		10 mM	0.5435 mL	2.7174 mL	5.4348 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: PBS Solubility: 100 mg/mL (543.48 mM); Clear solution; Need ultrasonic Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (13.59 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (13.59 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (13.59 mM); Clear solution 				

BIOLOGICAL ACTIVITY

Description	Histamine dihydrochloride is an endogenous metabolite.
--------------------	--

CUSTOMER VALIDATION

-
- Cancer Cell. 2022 Sep 1;S1535-6108(22)00378-6.
 - Adv Sci (Weinh). 2023 Jan 15;e2203869.
 - Br J Pharmacol. 2021 Jan 27.
 - Mbio. 2022 Aug 24;e0200422.
 - 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA