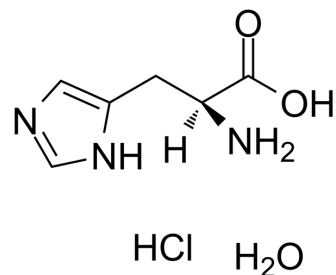


L-Histidine hydrochloride hydrate

Cat. No.:	HY-W014423
CAS No.:	5934-29-2
Molecular Formula:	C ₆ H ₁₂ ClN ₃ O ₃
Molecular Weight:	209.63
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 : 100 mg/mL (477.03 mM; Need ultrasonic)				
	DMSO : 1 mg/mL (4.77 mM; ultrasonic and warming and heat to 60°C)				
	Preparing Stock Solutions	Solvent \ Mass \ Concentration	1 mg	5 mg	10 mg
		1 mM	4.7703 mL	23.8515 mL	47.7031 mL
		5 mM	0.9541 mL	4.7703 mL	9.5406 mL
10 mM		0.4770 mL	2.3852 mL	4.7703 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: PBS Solubility: 50 mg/mL (238.52 mM); Clear solution; Need ultrasonic				

BIOLOGICAL ACTIVITY

Description	L-Histidine hydrochloride hydrate (H-His-OH.HCl.H ₂ O) is an endogenous metabolite.
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Caution: Product has not been fully validated for medical applications. For research use only.

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