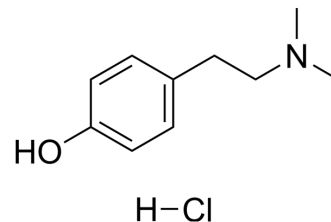


Hordenine hydrochloride

Cat. No.:	HY-N0113B
CAS No.:	6027-23-2
Molecular Formula:	C ₁₀ H ₁₆ ClNO
Molecular Weight:	201.69
Target:	Antibiotic
Pathway:	Anti-infection
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

DMSO : 12.5 mg/mL (61.98 mM; ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions	Solvent		1 mg	5 mg	10 mg
	Concentration	Mass			
	1 mM		4.9581 mL	24.7905 mL	49.5810 mL
	5 mM		0.9916 mL	4.9581 mL	9.9162 mL
	10 mM		0.4958 mL	2.4791 mL	4.9581 mL

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

BIOLOGICAL ACTIVITY

Description

Hordenine (hydrochloride), an alkaloid found in plants, inhibits melanogenesis by suppression of cyclic adenosine monophosphate (cAMP) production^[1].

REFERENCES

[1]. R C Howe, et al. Cactus alkaloids. XXXIV. Hordenine HCL from *Coryphantha vivipara* var. *arizonica*. 1Planta Med. 1997, 37, 3.

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