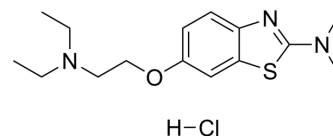


Diamthazole hydrochloride

Cat. No.:	HY-148160A
CAS No.:	17140-69-1
Molecular Formula:	C ₁₅ H ₂₄ ClN ₃ OS
Molecular Weight:	329.89
Target:	Fungal
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 : 100 mg/mL (303.13 mM; ultrasonic and warming and heat to 160°C)					
	Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
		Concentration				
		1 mM		3.0313 mL	15.1566 mL	30.3131 mL
		5 mM		0.6063 mL	3.0313 mL	6.0626 mL
10 mM		0.3031 mL	1.5157 mL	3.0313 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: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: 2.5 mg/mL (7.58 mM); Clear solution; Need ultrasonic Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (7.58 mM); Clear solution; Need ultrasonic Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: 2.5 mg/mL (7.58 mM); Clear solution; Need ultrasonic 					

BIOLOGICAL ACTIVITY

Description	Diamthazole (Dimazole) hydrochloride is an antifungal agent. Diamthazole hydrochloride can be used for the research of infection ^[1] .
--------------------	---

REFERENCES

[1]. D G LINDSAY, et al. Treatment of cutaneous Trichophyton rubrum infection with human immune globulin. Arch Dermatol. 1960 Apr;81:586-90.

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