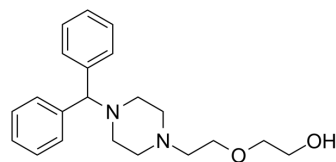


Decloxizine

Cat. No.:	HY-17582
CAS No.:	3733-63-9
Molecular Formula:	C ₂₁ H ₂₈ N ₂ O ₂
Molecular Weight:	340.46
Target:	Histamine Receptor
Pathway:	GPCR/G Protein; Immunology/Inflammation; Neuronal Signaling
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (293.72 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	2.9372 mL	14.6860 mL	29.3720 mL
				5 mM	0.5874 mL	2.9372 mL	5.8744 mL
				10 mM	0.2937 mL	1.4686 mL	2.9372 mL
Please refer to the solubility information to select the appropriate solvent.							
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (7.34 mM); Clear solution						
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (7.34 mM); Clear solution						

BIOLOGICAL ACTIVITY

Description	Decloxizine(UCB-1402; NSC289116) is a histamine 1 receptor antagonist.
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Caution: Product has not been fully validated for medical applications. For research use only.

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