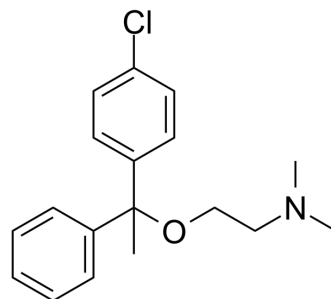


Chlorphenoxamine

Cat. No.:	HY-B1607	
CAS No.:	77-38-3	
Molecular Formula:	C ₁₈ H ₂₂ ClNO	
Molecular Weight:	303.83	
Target:	Histamine Receptor	
Pathway:	GPCR/G Protein; Immunology/Inflammation; Neuronal Signaling	
Storage:	Pure form	-20°C 3 years 4°C 2 years
	In solvent	-80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 48 mg/mL (157.98 mM)
* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	3.2913 mL	16.4566 mL	32.9131 mL
	5 mM	0.6583 mL	3.2913 mL	6.5826 mL
	10 mM	0.3291 mL	1.6457 mL	3.2913 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.08 mg/mL (6.85 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.08 mg/mL (6.85 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.08 mg/mL (6.85 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Chlorphenoxamine is an antihistamine and anticholinergic used as an antipruritic and antiparkinsonian agent. Target: Histamine Receptor

CUSTOMER VALIDATION

-
- Antiviral Res. 2018 Sep;157:47-56.

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