

Metixene hydrochloride hydrate

Chemical Properties

CAS No.:	7081-40-5
Formula:	C ₂₀ H ₂₆ ClNOS
Molecular Weight:	363.94
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	Metixene is an anticholinergic antiparkinsonian agent, potently inhibits the binding of quinuclidinyl to the muscarinic receptor in rat brain cortical tissue (IC ₅₀ : 55 nM, K _d : 15 nM) [1].
-------------	---

Solubility Information

Solubility	DMSO: 85 mg/mL (233.55 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.748 mL	13.739 mL	27.477 mL
5 mM	0.55 mL	2.748 mL	5.495 mL
10 mM	0.275 mL	1.374 mL	2.748 mL
50 mM	0.055 mL	0.275 mL	0.55 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Syvälahti EK, et al. Effects of antiparkinsonian drugs on muscarinic receptor binding in rat brain, heart and lung. Pharmacol Toxicol. 1988 Feb;62(2):90-4.

Inhibitors · Natural Compounds · Compound Libraries

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use.

Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481