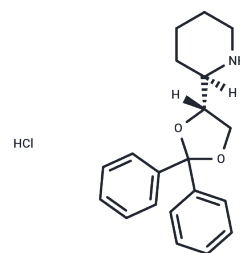


Levoxadrol HCl

Chemical Properties

CAS No. :	23257-58-1
Formula:	C ₂₀ H ₂₄ ClNO ₂
Molecular Weight:	345.87
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Levoxadrol HCl can be used as smooth muscle relaxant and local anesthetic.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8913 mL	14.4563 mL	28.9126 mL
5 mM	0.5783 mL	2.8913 mL	5.7825 mL
10 mM	0.2891 mL	1.4456 mL	2.8913 mL
50 mM	0.0578 mL	0.2891 mL	0.5783 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

- Grant KA, Colombo G, Grant J, Rogawski MA. Dizocilpine-like discriminative stimulus effects of low-affinity uncompetitive NMDA antagonists. *Neuropharmacology*. 1996;35(12):1709-19. PubMed PMID: 9076750.
- Pechnick RN, Poland RE. Neuroendocrine responses produced by enantiomeric pairs of drugs that interact with phencyclidine and sigma receptors. *Eur J Pharmacol*. 1994 Sep 22;263(1-2):115-20. PubMed PMID: 7821343.
- Jamieson GA, Agrawal AK, Greco NJ, Tenner TE Jr, Jones GD, Rice KC, Jacobson AE, White JG, Tandon NN. Phencyclidine binds to blood platelets with high affinity and specifically inhibits their activation by adrenaline. *Biochem J*. 1992 Jul 1;285 (Pt 1):35-9. PubMed PMID: 1322125; PubMed Central PMCID: PMC1132740.
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