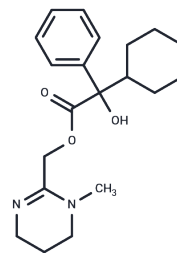


Oxyphencyclimine

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 125-53-1 |
| Formula: | C ₂₀ H ₂₈ N ₂ O ₃ |
| Molecular Weight: | 344.45 |
| 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 | Oxyphencyclimine is a muscarinic receptor antagonist (MRA) anticholinergic drug used to treat peptic ulcers. |
| Targets(IC50) | Others,AChR |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.9032 mL | 14.5159 mL | 29.0318 mL |
| 5 mM | 0.5806 mL | 2.9032 mL | 5.8064 mL |
| 10 mM | 0.2903 mL | 1.4516 mL | 2.9032 mL |
| 50 mM | 0.0581 mL | 0.2903 mL | 0.5806 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

Klaphajone J, Kitisomprayoonkul W, Sriplakit S. Botulinum toxin type A injections for treating neurogenic detrusor overactivity combined with low-compliance bladder in patients with spinal cord lesions. Arch Phys Med Rehabil. 2005 Nov;86(11):2114-8. PubMed PMID: 16271557.

Cai H, Vigh G. Capillary electrophoretic separation of weak base enantiomers using the single-isomer heptakis-(2,3-dimethyl-6-sulfato)-beta-cyclodextrin as resolving agent and methanol as background electrolyte solvent. J Pharm Biomed Anal. 1998 Dec;18(4-5):615-21. PubMed PMID: 9919962.

Waelbroeck M, Camus J, Tastenoy M, Mutschler E, Strohmann C, Tacke R, Schjelderup L, Aasen A, Lambrecht G, Christophe J. Stereoselective interaction of procyclidine, hexahydro-difenidol, hexbutinol and oxyphencyclimine, and of related antagonists, with four muscarinic receptors. Eur J Pharmacol. 1992 Sep 1;227(1):33-42. PubMed PMID: 1426023.

Jensen JL, Brodin P, Berg T, Aars H. Parotid secretion of fluid, amylase and kallikrein during reflex stimulation under normal conditions and after acute administration of autonomic blocking agents in man. Acta Physiol Scand. 1991 Nov;143(3):321-9. PubMed PMID: 1722939.

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