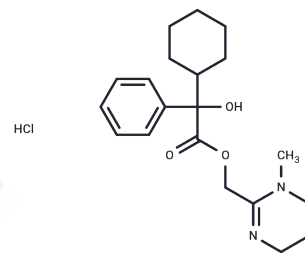


## Oxyphencyclimine Hydrochloride

### Chemical Properties

CAS No. :	125-52-0
Formula:	C <sub>20</sub> H <sub>29</sub> ClN <sub>2</sub> O <sub>3</sub>
Molecular Weight:	380.91
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



### Biological Description

Description	Oxyphencyclimine Hydrochloride (Ulcociclinina) is a synthetic tertiary amine and antimuscarinic agent with antispasmodic and antisecretory activities.
Targets(IC50)	AChR

### Solubility Information

Solubility	H <sub>2</sub> O: 6.61 mg/L, Sonication is recommended. DMSO: 3.81 mg/mL (10 mM), Sonication is recommended. ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6253 mL	13.1265 mL	26.2529 mL
5 mM	0.5251 mL	2.6253 mL	5.2506 mL
10 mM	0.2625 mL	1.3126 mL	2.6253 mL
50 mM	0.0525 mL	0.2625 mL	0.5251 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

Waelbroeck M, et al. Eur J Pharmacol. 1992 Sep 1;227(1):33-42.

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