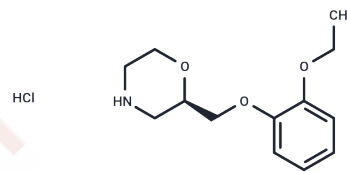


## (R)-Viloxazine Hydrochloride

## Chemical Properties

CAS No. :	56287-63-9
Formula:	C <sub>13</sub> H <sub>20</sub> ClNO <sub>3</sub>
Molecular Weight:	273.76
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	(R)-Viloxazine Hydrochloride is the R-isomer of Viloxazine, a selective norepinephrine reuptake inhibitor (NRI) used as an antidepressant.
Targets(IC50)	5-HT Receptor,Reductase

## Solubility Information

Solubility	DMSO: 50 mg/mL (182.64 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	3.6528 mL	18.2642 mL	36.5283 mL
5 mM	0.7306 mL	3.6528 mL	7.3057 mL
10 mM	0.3653 mL	1.8264 mL	3.6528 mL
50 mM	0.0731 mL	0.3653 mL	0.7306 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

Blackburn TP, et al. Effects of viloxazine, its optical isomers and its major metabolites on biogenic amine uptake mechanisms in vitro and in vivo. Eur J Pharmacol. 1978 Dec 1;52(3-4):367-74.

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