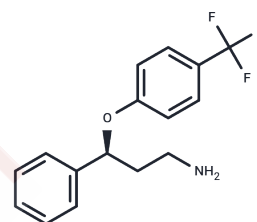


## Seprooxetine HCl

## Chemical Properties

CAS No. :	127685-30-7
Formula:	C <sub>16</sub> H <sub>17</sub> ClF <sub>3</sub> NO
Molecular Weight:	331.76
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



HCl

## Biological Description

Description	Seprooxetine HCl, a more active enantiomer of N-desmethyl metabolite fluoxetine, works by selectively inhibiting the serotonin uptake carrier.
Targets(IC50)	Others,Dopamine Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0142 mL	15.0711 mL	30.1423 mL
5 mM	0.6028 mL	3.0142 mL	6.0285 mL
10 mM	0.3014 mL	1.5071 mL	3.0142 mL
50 mM	0.0603 mL	0.3014 mL	0.6028 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

Dawood S, Zarina S, Bano S. Docking studies of antidepressants against single crystal structure of tryptophan 2, 3-dioxygenase using Molegro Virtual Docker software. Pak J Pharm Sci. 2014 Sep;27(5 Spec no):1529-39. PubMed PMID: 25176248.

de Maat MM, Huitema AD, Mulder JW, Meenhorst PL, van Gorp EC, Mairuhu AT, Beijnen JH. Drug Interaction of Fluvoxamine and Fluoxetine with Nevirapine in HIV-1-Infected Individuals. Clin Drug Investig. 2003;23(10):629-37. PubMed PMID: 17535078.

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