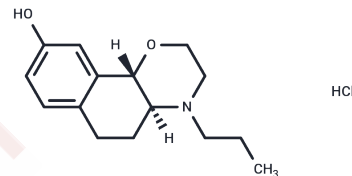


## N-0500 HCl

## Chemical Properties

CAS No. :	100935-99-7
Formula:	C <sub>15</sub> H <sub>22</sub> ClNO <sub>2</sub>
Molecular Weight:	283.79
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	N-0500 HCl ((-)-Propyl-9-hydroxynaphthoxazine Hydrochloride) is a very potent centrally acting DA receptor agonist. N-0500 HCl is a potent displacer of the specific [3H] DP-5,6-ADTN binding with IC <sub>50</sub> of 3 nM.
Targets(IC <sub>50</sub> )	Dopamine Receptor

## Solubility Information

Solubility	DMSO: 2.84 mg/mL (10.01 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	3.5237 mL	17.6187 mL	35.2373 mL
5 mM	0.7047 mL	3.5237 mL	7.0475 mL
10 mM	0.3524 mL	1.7619 mL	3.5237 mL
50 mM	0.0705 mL	0.3524 mL	0.7047 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

Hazelhoff B, De Vries JB, Dijkstra D, Mulder TB, Timmermans PB, Wynberg H, Horn AS. Neuropharmacological profile of a new series of dopamine agonists: N-n-propyl-hexahydronaphthoxazines. Eur J Pharmacol. 1986 May 13;124(1-2):93-106. doi: 10.1016/0014-2999(86)90128-7. PMID: 3720849.

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