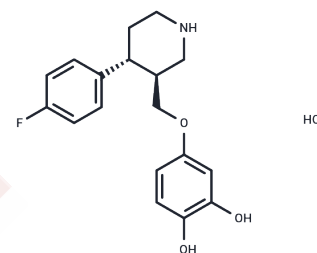


## Desmethylene Paroxetine hydrochloride

## Chemical Properties

CAS No. :	1394861-12-1
Formula:	C <sub>18</sub> H <sub>21</sub> ClFNO <sub>3</sub>
Molecular Weight:	353.82
Storage:	Store at low temperature 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	Desmethylene Paroxetine hydrochloride is a non-conjugated metabolite of Paroxetine, a catechol intermediate.
Targets(IC50)	Drug Metabolite

## Solubility Information

Solubility	DMF: 10 mg/mL (28.26 mM),Sonication is recommended. H <sub>2</sub> O: 8 mg/mL (22.61 mM),Sonication is recommended. Ethanol: 20 mg/mL (56.53 mM),Sonication is recommended. DMSO: 8 mg/mL (22.61 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	2.8263 mL	14.1315 mL	28.263 mL
5 mM	0.5653 mL	2.8263 mL	5.6526 mL
10 mM	0.2826 mL	1.4131 mL	2.8263 mL
50 mM	0.0565 mL	0.2826 mL	0.5653 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

Mireia Segura, et al. Synthesis of the major metabolites of paroxetine. Bioorg Chem. 2003 Jun;31(3):248-58.

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