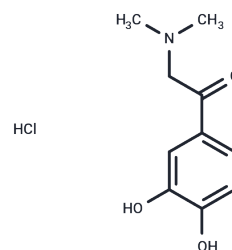


## 1-(3,4-Dihydroxyphenyl)-2-(dimethylamino)ethanone HCl

## Chemical Properties

CAS No. :	16899-83-5
Formula:	C <sub>10</sub> H <sub>14</sub> ClNO <sub>3</sub>
Molecular Weight:	231.676
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	1-(3,4-dihydroxyphenyl)-2-(dimethylamino)ethan-1-one hydrochloride is a cholinergic agent that inhibits choline metabolism, which leads to increased levels of acetylcholine in the brain, which in turn enhances cognitive function and memory.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 50 mg/mL (215.82 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	4.3163 mL	21.5815 mL	43.163 mL
5 mM	0.8633 mL	4.3163 mL	8.6326 mL
10 mM	0.4316 mL	2.1581 mL	4.3163 mL
50 mM	0.0863 mL	0.4316 mL	0.8633 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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