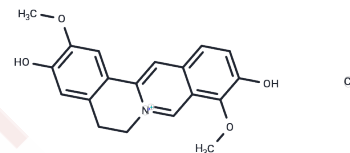


## Dehydrodiscretamine chloride

## Chemical Properties

CAS No. :	78134-82-4
Formula:	C <sub>19</sub> H <sub>18</sub> ClNO <sub>4</sub>
Molecular Weight:	359.8
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	Dehydrodiscretamine chloride, a dual inhibitor of acetylcholinesterase (AChE) and butyrylcholinesterase (BChE), exhibits IC <sub>50</sub> values of 17.8 μM and 118.8 μM, respectively. It also possesses antioxidant activity and is utilized in research related to Alzheimer's disease [1].
Targets(IC <sub>50</sub> )	Others,Cholinesterase (ChE)

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7793 mL	13.8966 mL	27.7932 mL
5 mM	0.5559 mL	2.7793 mL	5.5586 mL
10 mM	0.2779 mL	1.3897 mL	2.7793 mL
50 mM	0.0556 mL	0.2779 mL	0.5559 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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