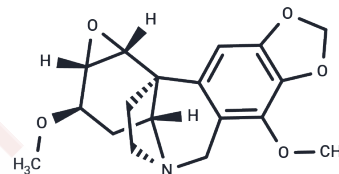


Undulatine

Chemical Properties

CAS No. :	6882-09-3
Formula:	C ₁₈ H ₂₁ N ₅ O
Molecular Weight:	331.363
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	Undulatine is a potent AChE inhibitor with an IC ₅₀ of 7.4 μM. It can cross the blood-brain barrier via passive diffusion, making it relevant for Alzheimer's disease research.
Targets(IC ₅₀)	Cholinesterase (ChE)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0179 mL	15.0893 mL	30.1787 mL
5 mM	0.6036 mL	3.0179 mL	6.0357 mL
10 mM	0.3018 mL	1.5089 mL	3.0179 mL
50 mM	0.0604 mL	0.3018 mL	0.6036 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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