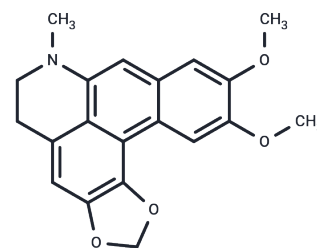


Dehydrodicentrine

Chemical Properties

CAS No. :	19843-03-9
Formula:	C ₂₀ H ₁₉ NO ₄
Molecular Weight:	337.37
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Dehydrodicentrine showed strong acetylcholinesterase (AChE) inhibitory effects with the IC ₅₀ value of 2.98 µM.
Targets(IC ₅₀)	AChR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9641 mL	14.8205 mL	29.641 mL
5 mM	0.5928 mL	2.9641 mL	5.9282 mL
10 mM	0.2964 mL	1.4821 mL	2.9641 mL
50 mM	0.0593 mL	0.2964 mL	0.5928 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.

Reference

Proaporphine and aporphine alkaloids with acetylcholinesterase inhibitory activity from *Stephania epigaea*. *Fitoterapia*. 2015 Jul;104:102-7.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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