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Produktinformation



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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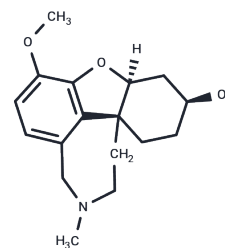
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Lycoramine

Chemical Properties

CAS No. :	21133-52-8
Formula:	C ₁₇ H ₂₃ NO ₃
Molecular Weight:	289.37
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Lycoramine is a natural product isolated from Lycoris radiata. Lycoramine is a potent acetylcholinesterase (AChE) inhibitor
Targets(IC50)	Cholinesterase (ChE)
In vitro	Galanthamine, a recently isolated alkaloid, has been found to inhibit the acetylcholinesterase of muscle and the cholinesterase of plasma and brain. The inhibition of the muscle enzyme by galanthamine is greater than that produced by pyridostigmin, a compound of known usefulness, but less than that of neostigmin. The muscle cholinesterase inhibition produced by Lycoramine was found to be about equal to that of pyridostigmin.

Solubility Information

Solubility	DMSO: 27.5 mg/mL (95.03 mM), (< 1 mg/mL refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4558 mL	17.2789 mL	34.5578 mL
5 mM	0.6912 mL	3.4558 mL	6.9116 mL
10 mM	0.3456 mL	1.7279 mL	3.4558 mL
50 mM	0.0691 mL	0.3456 mL	0.6912 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

Cholinesterase inhibition by galanthamine and lycoramine. *Biochemical Pharmacology*, 1960, 3(2):147-148.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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