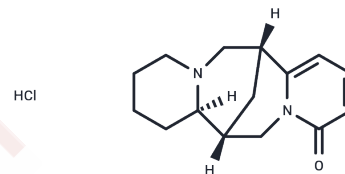


Anagryne hydrochloride

Chemical Properties

CAS No. :	74195-83-8
Formula:	C ₁₅ H ₂₁ ClN ₂ O
Molecular Weight:	280.79
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	Anagryne hydrochloride ((-)-Anagryne hydrochloride), a quinolizidine alkaloid discovered in <i>Lupinus albus</i> , interacts with both muscarinic and nicotinic acetylcholine receptors, demonstrating IC ₅₀ values of 132 and 2096 μM, respectively. This compound is recognized for its potent and direct ability to desensitize nAChR without the need for metabolic activation [1] [2] [3].
Targets(IC50)	Others,AChR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5614 mL	17.8069 mL	35.6138 mL
5 mM	0.7123 mL	3.5614 mL	7.1228 mL
10 mM	0.3561 mL	1.7807 mL	3.5614 mL
50 mM	0.0712 mL	0.3561 mL	0.7123 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.

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