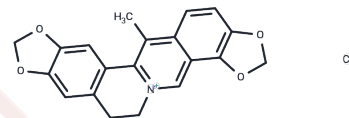


Corysamine chloride

Chemical Properties

CAS No. :	11028-77-6
Formula:	C ₂₀ H ₁₆ ClNO ₄
Molecular Weight:	369.8
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	Corysamine chloride (CORYSAMINE CHLORIDE(RG)) was identified to inhibit the activity of ACHE.
Targets(IC50)	Cholinesterase (ChE)

Solubility Information

Solubility	DMSO: 9.17 mg/mL (24.8 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7042 mL	13.5208 mL	27.0416 mL
5 mM	0.5408 mL	2.7042 mL	5.4083 mL
10 mM	0.2704 mL	1.3521 mL	2.7042 mL
50 mM	0.0541 mL	0.2704 mL	0.5408 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.

Reference

Zhang Y , Kang J . Screening of the active ingredients in natural products by capillary electrophoresis and high performance liquid chromatography-mass spectrometry[J]. Se pu = Chinese journal of chromatography / Zhongguo hua xue hui, 2013, 31(7):640-645.

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