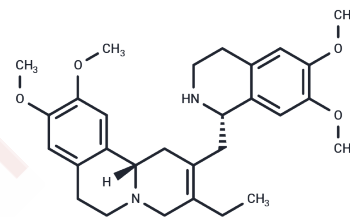


(Iso)-Dehydroemetine

Chemical Properties

CAS No. :	2649-50-5
Formula:	C ₂₉ H ₃₈ N ₂ O ₄
Molecular Weight:	478.62
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	(Iso)-Dehydroemetine (Dehydroisoemetine, (+/-)-) is a compound with antispasmodic effect on smooth muscle.
Targets(IC50)	Others,Endogenous Metabolite

Solubility Information

Solubility	DMSO: 4.79 mg/mL (10.01 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	2.0893 mL	10.4467 mL	20.8934 mL
5 mM	0.4179 mL	2.0893 mL	4.1787 mL
10 mM	0.2089 mL	1.0447 mL	2.0893 mL
50 mM	0.0418 mL	0.2089 mL	0.4179 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

Panwar P, et al. Lead Optimization of Dehydroemetine for Repositioned Use in Malaria. Antimicrob Agents Chemother. 2020;64(4):e01444-19.

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