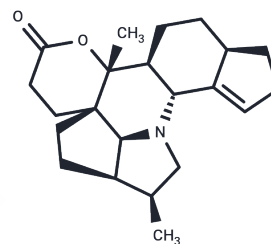


Deoxycalyciphylline B

Chemical Properties

CAS No. : 619326-74-8
 Formula: C₂₂H₃₁NO₂
 Molecular Weight: 341.49
 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	Deoxycalyciphylline B exhibits hepatic toxicity. Deoxycalyciphylline B and Methyl homosecodaphniphyllate show different inhibitory effects on the phenoloxidase (PO) of <i>Spodoptera exigua</i> (Hbner) and the inhibitor concentrations leading to 50% (IC ₅₀) activity lost are estimated to be 2.439 mmol·L ⁻¹ for deoxycalyciphylline B and 0.879 mmol·L ⁻¹ for methyl homosecodaphniphyllate, respectively.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9283 mL	14.6417 mL	29.2834 mL
5 mM	0.5857 mL	2.9283 mL	5.8567 mL
10 mM	0.2928 mL	1.4642 mL	2.9283 mL
50 mM	0.0586 mL	0.2928 mL	0.5857 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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