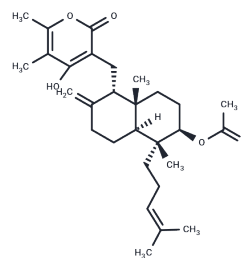


Sesquicillin A

Chemical Properties

CAS No. :	51103-58-3
Formula:	C ₂₉ H ₄₂ O ₅
Molecular Weight:	470.64
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	Sesquicillin A, an insecticidal antibiotic and fungal metabolite extracted from white plantain, exhibits potent growth inhibition against <i>A. salina</i> brine shrimp, demonstrating a minimum inhibitory concentration (MIC) value of 6.25 µg/mL [1].
Targets(IC50)	Others,Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1248 mL	10.6238 mL	21.2477 mL
5 mM	0.425 mL	2.1248 mL	4.2495 mL
10 mM	0.2125 mL	1.0624 mL	2.1248 mL
50 mM	0.0425 mL	0.2125 mL	0.425 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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