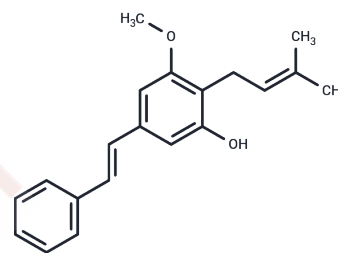


Longistyline A

Chemical Properties

CAS No. : 64095-60-9
 Formula: C₂₀H₂₂O₂
 Molecular Weight: 294.39
 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	Longistyline A (Longistylin A), a natural stilbene extracted from the leaves of <i>Cajanus cajan</i> , exhibits antimicrobial activity with a minimum inhibitory concentration (MIC) value of 1.56 µg/mL against MRSA and demonstrates neuroprotective effects, suggesting its potential for research in infection and neurological disorders [1] [2].
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3969 mL	16.9843 mL	33.9685 mL
5 mM	0.6794 mL	3.3969 mL	6.7937 mL
10 mM	0.3397 mL	1.6984 mL	3.3969 mL
50 mM	0.0679 mL	0.3397 mL	0.6794 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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