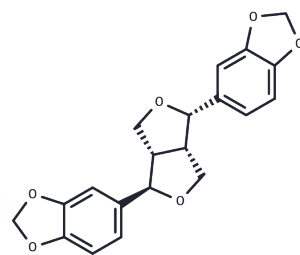


(-)-Asarinin

Chemical Properties

CAS No. :	133-04-0
Formula:	C ₂₀ H ₁₈ O ₆
Molecular Weight:	354.35
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	(-)-Asarinin (Eleutheroside B4) shows antibacterial activity.
Targets(IC50)	Apoptosis, Antibacterial, STAT, ROS, Src, Stearoyl-CoA Desaturase (SCD)

Solubility Information

Solubility	Chloroform, Dichloromethane, Ethyl Acetate, Acetone, etc.: Soluble, DMSO: 40 mg/mL (112.88 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	2.8221 mL	14.1103 mL	28.2207 mL
5 mM	0.5644 mL	2.8221 mL	5.6441 mL
10 mM	0.2822 mL	1.411 mL	2.8221 mL
50 mM	0.0564 mL	0.2822 mL	0.5644 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

Lili Z , Zhenzhong G , Jingkui Z . Experimental study of the effects of Asarinin on immunosuppression activity in vitro[J]. Chinese Journal of Cardiology, 2003, 31.

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