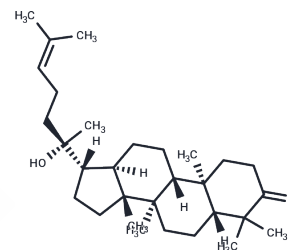


Dipterocarpol

Chemical Properties

CAS No. :	471-69-2
Formula:	C ₃₀ H ₅₀ O ₂
Molecular Weight:	442.728
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	Dipterocarpol is a dammarane-type triterpenoid, as are the major bioactive compounds of ginseng. Dipterocarpol A shows moderate acetylcholinesterase inhibitory activity with the IC ₅₀ value of 8.28 μM.
Targets(IC ₅₀)	AChR, Cytochromes P450

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2587 mL	11.2936 mL	22.5871 mL
5 mM	0.4517 mL	2.2587 mL	4.5174 mL
10 mM	0.2259 mL	1.1294 mL	2.2587 mL
50 mM	0.0452 mL	0.2259 mL	0.4517 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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