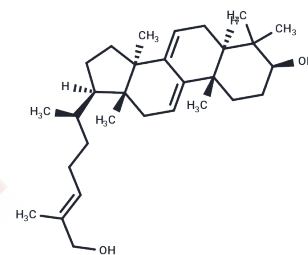


Ganoderol B

Chemical Properties

CAS No. :	104700-96-1
Formula:	C ₃₀ H ₄₈ O ₂
Molecular Weight:	440.7
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Ganoderol B is a natural product isolated from Ganoderma lucidum and an α -glucosidase inhibitor with an IC ₅₀ of 119.8 μ M, applicable for diabetes research.
Targets(IC ₅₀)	Glucosidase

Solubility Information

Solubility	DMSO: 1.45 mg/mL (3.29 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	2.2691 mL	11.3456 mL	22.6912 mL
5 mM	0.4538 mL	2.2691 mL	4.5382 mL
10 mM	0.2269 mL	1.1346 mL	2.2691 mL
50 mM	0.0454 mL	0.2269 mL	0.4538 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

Sri Fatmawati, et al. Ganoderol B: a potent α -glucosidase inhibitor isolated from the fruiting body of Ganoderma lucidum. Phytomedicine. 2011 Sep 15;18(12):1053-5.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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