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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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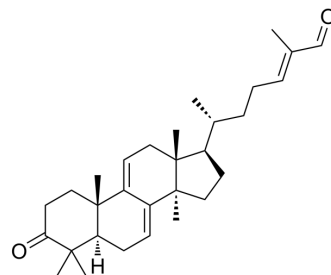
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Ganoderal A

Cat. No.:	HY-N2221
CAS No.:	104700-98-3
Molecular Formula:	C ₃₀ H ₄₄ O ₂
Molecular Weight:	436.67
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 5.26 mg/mL (12.05 mM; ultrasonic and warming and heat to 60°C)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		2.2901 mL	11.4503 mL	22.9006 mL
		5 mM		0.4580 mL	2.2901 mL	4.5801 mL
		10 mM		0.2290 mL	1.1450 mL	2.2901 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 0.53 mg/mL (1.21 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 0.53 mg/mL (1.21 mM); Suspended solution; Need ultrasonic					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 0.53 mg/mL (1.21 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Ganoderal A, an oxygenated sterol from <i>G. lucidum</i> , is a cholesterol synthesis inhibitor ^[1] .
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REFERENCES

[1]. Hajjaj H, et al. Effect of 26-oxygenosterols from *Ganoderma lucidum* and their activity as cholesterol synthesis inhibitors. *Appl Environ Microbiol.* 2005 Jul;71(7):3653-8.

Caution: Product has not been fully validated for medical applications. For research use only.

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