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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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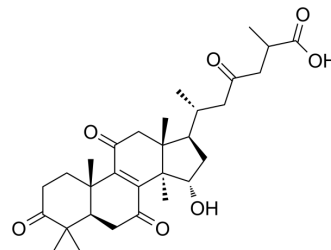
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Ganoderic acid J

Cat. No.:	HY-N9312
CAS No.:	100440-26-4
Molecular Formula:	C ₃₀ H ₄₂ O ₇
Molecular Weight:	514.65
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 : 50 mg/mL (97.15 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	Preparing Stock Solutions		1 mg	5 mg	10 mg
		1 mM	1.9431 mL	9.7153 mL	19.4307 mL
		5 mM	0.3886 mL	1.9431 mL	3.8861 mL
	10 mM	0.1943 mL	0.9715 mL	1.9431 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: ≥ 1.25 mg/mL (2.43 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 1.25 mg/mL (2.43 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 1.25 mg/mL (2.43 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Ganoderic acid J is a natural terpenoid isolated from the Fungus <i>Ganoderma lucidum</i> . Ganoderic acid J possesses anti-inflammatory activity ^{[1][2]} .
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REFERENCES

[1]. Tsuyoshi Nishitoba, et al. New Terpenoids, Ganoderic Acid J and Ganolucidic Acid C, from the Fungus *Ganoderma lucidum*. *Agricultural and Biological Chemistry* Volume 49, 1985 - Issue 12.

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

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