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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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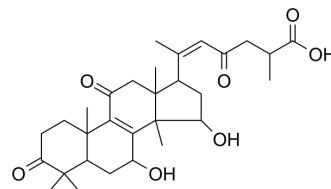
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Ganoderenic acid A

Cat. No.:	HY-N2998
CAS No.:	100665-40-5
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 : 100 mg/mL (194.31 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	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: ≥ 2.5 mg/mL (4.86 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (4.86 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (4.86 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Ganoderenic acid A is a lanostane-type triterpene. Ganoderenic acid A is a potent inhibitor of β-glucuronidase. Ganoderenic acid A has a potent hepatoprotective effect against CCl ₄ -induced liver injury ^[1] .
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REFERENCES

[1]. Kim DH, et al. Beta-glucuronidase-inhibitory activity and hepatoprotective effect of Ganoderma lucidum. Biol Pharm Bull. 1999 Feb;22(2):162-4.

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

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