Ganoderic acid LM2

Cat. No.: HY-N2997

CAS No.: 508182-41-0

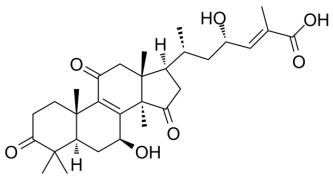
Molecular Formula: $C_{30}H_{42}O_7$

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; ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions	Mass / Solvent / Concentration	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 LM2 is a natural terpenoid isolated from the Fungus Ganoderma lucidum. Ganoderic acid LM2 possesses potential anti-tumor activity[1].

REFERENCES

[1]. Jun Luo, et al. A new lanostane-type triterpene from the fruiting bodies of Ganoderma lucidum. J Asian Nat Prod Res. 2002 Jun;4(2):129-34.

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

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