



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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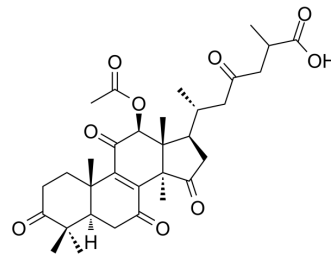
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Ganoderic acid F

Cat. No.:	HY-N6036
CAS No.:	98665-15-7
Molecular Formula:	C ₃₂ H ₄₂ O ₉
Molecular Weight:	570.67
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 : 100 mg/mL (175.23 mM; Need ultrasonic)

Concentration	Mass			
	1 mg	5 mg	10 mg	
1 mM	1.7523 mL	8.7616 mL	17.5233 mL	
5 mM	0.3505 mL	1.7523 mL	3.5047 mL	
10 mM	0.1752 mL	0.8762 mL	1.7523 mL	

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Ganoderic acid F is a ganoderic acid. Ganoderic acid F exhibits antitumor and antimetastatic activities through inhibition of angiogenesis and alteration of proteins involving cell proliferation and/or cell death, carcinogenesis, oxidative stress, calcium signaling, and endoplasmic reticulum stress^{[1][2]}.

In Vitro

Ganoderic acid F (48 hours) inhibits the proliferation of HeLa human cervical carcinoma cells with an IC₅₀ value of 19.5 μM^[2]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Teekachunhatean S, et al. Pharmacokinetics of ganoderic acids a and f after oral administration of ling zhi preparation in healthy male volunteers. Evid Based Complement Alternat Med. 2012;2012:780892.
- [2]. Yue QX, et al. Effects of triterpenes from Ganoderma lucidum on protein expression profile of HeLa cells. Phytomedicine. 2010 Jul;17(8-9):606-13.

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

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