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Produktinformation



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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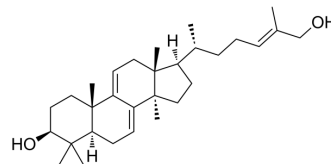
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Ganoderol B

Cat. No.:	HY-N2223
CAS No.:	104700-96-1
Molecular Formula:	C ₃₀ H ₄₈ O ₂
Molecular Weight:	440.7
Target:	Glucosidase
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 1.85 mg/mL (4.20 mM; Need ultrasonic)																													
	Preparing Stock Solutions	<table border="1"> <thead> <tr> <th>Solvent</th> <th>Mass</th> <th>1 mg</th> <th>5 mg</th> <th>10 mg</th> </tr> </thead> <tbody> <tr> <td>Concentration</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1 mM</td> <td></td> <td>2.2691 mL</td> <td>11.3456 mL</td> <td>22.6912 mL</td> </tr> <tr> <td>5 mM</td> <td></td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>10 mM</td> <td></td> <td>---</td> <td>---</td> <td>---</td> </tr> </tbody> </table>	Solvent	Mass	1 mg	5 mg	10 mg	Concentration					1 mM		2.2691 mL	11.3456 mL	22.6912 mL	5 mM		---	---	---	10 mM		---	---	---			
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10 mM		---	---	---																										
Please refer to the solubility information to select the appropriate solvent.																														
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 0.19 mg/mL (0.43 mM); Clear solution																													

BIOLOGICAL ACTIVITY

Description	Ganoderol B is a potent α-glucosidase inhibitor. Ganoderol B has high α-glucosidase inhibition with an IC ₅₀ of 48.5 μg/mL (119.8 μM) ^[1] .
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REFERENCES

[1]. Sri Fatmawati, et al. Ganoderol B: a potent α-glucosidase inhibitor isolated from the fruiting body of Ganoderma lucidum. Phytomedicine. 2011 Sep 15;18(12):1053-5.

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

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