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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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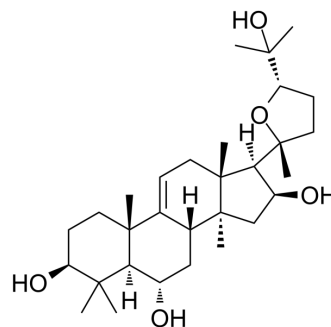
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Astragenol

Cat. No.:	HY-N7924
CAS No.:	86541-79-9
Molecular Formula:	C ₃₀ H ₅₀ O ₅
Molecular Weight:	490.72
Target:	Others
Pathway:	Others
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro	Ethanol : 50 mg/mL (101.89 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
		Concentration				
		1 mM		2.0378 mL	10.1891 mL	20.3782 mL
		5 mM		0.4076 mL	2.0378 mL	4.0756 mL
	10 mM		0.2038 mL	1.0189 mL	2.0378 mL	
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% EtOH >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2 mg/mL (4.08 mM); Clear solution					
	2. Add each solvent one by one: 10% EtOH >> 90% (20% SBE-β-CD in saline) Solubility: 2 mg/mL (4.08 mM); Suspended solution; Need ultrasonic					
	3. Add each solvent one by one: 10% EtOH >> 90% corn oil Solubility: ≥ 2 mg/mL (4.08 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Astragenol is an intermediate used for Astragenol derivative synthesis. Astragenol derivatives are promising anti-inflammatory agents for prostate cancer research ^[1] .
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REFERENCES

[1]. Bilge Debeleç-Bütüner, et al. Cycloartane-type sapogenol derivatives inhibit NF-κB activation as chemopreventive strategy for inflammation-induced prostate carcinogenesis. Steroids. 2018 Jul;135:9-20.

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

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