



# 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

### SZABO-SCANDIC HandelsgmbH

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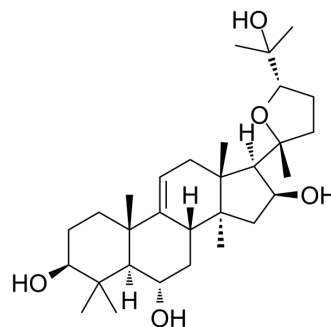
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## Astragenol

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



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	Ethanol : 50 mg/mL (101.89 mM; Need ultrasonic)					
	<b>Preparing Stock Solutions</b>	<b>Solvent</b>	<b>Mass</b>	<b>1 mg</b>	<b>5 mg</b>	<b>10 mg</b>
		<b>Concentration</b>				
		<b>1 mM</b>		2.0378 mL	10.1891 mL	20.3782 mL
		<b>5 mM</b>		0.4076 mL	2.0378 mL	4.0756 mL
<b>10 mM</b>		0.2038 mL	1.0189 mL	2.0378 mL		
Please refer to the solubility information to select the appropriate solvent.						
<b>In Vivo</b>	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

<b>Description</b>	Astragenol is an intermediate used for Astragenol derivative synthesis. Astragenol derivatives are promising anti-inflammatory agents for prostate cancer research <sup>[1]</sup> .
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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.

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

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