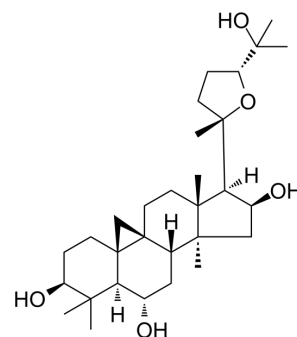


## Cyclogalegenin

Cat. No.:	HY-N0424
CAS No.:	84605-18-5
Molecular Formula:	C <sub>30</sub> H <sub>50</sub> O <sub>5</sub>
Molecular Weight:	490.72
Target:	Others
Pathway:	Others
Storage:	<div> <div>Powder</div> <div> <div>-20°C</div> <div>3 years</div> </div> </div> <div> <div>4°C</div> <div>2 years</div> </div> <div> <div>In solvent</div> <div> <div>-80°C</div> <div>2 years</div> </div> </div> <div> <div>-20°C</div> <div>1 year</div> </div>



### SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (203.78 mM; Need ultrasonic)					
	Preparing Stock Solutions	<div>Solvent Concentration</div>	<div>Mass</div>	1 mg	5 mg	10 mg
		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% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (5.09 mM); Suspended solution; Need ultrasonic					
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (5.09 mM); Clear solution					

### BIOLOGICAL ACTIVITY

Description	Cyclogalegenin (Cyclogalegigenin) is a isoprenoid that can be isolated from Astragalus galegiformis. Cyclogalegenin is the enantiomer of Cycloastragenol <sup>[1]</sup> .
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### REFERENCES

[1]. Alaniya M D, et al. Triterpene glycosides of Astragalus and of their genins. X. Cyclogalegigenin from Astragalus galegiformis. Chemistry of Natural Compounds. 1983, 19: 314-320.

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

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