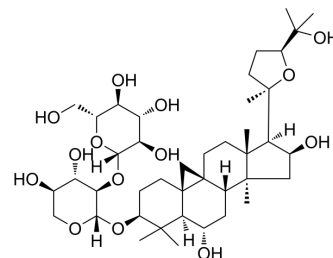


Astragaloside III

Cat. No.:	HY-N0434
CAS No.:	84687-42-3
Molecular Formula:	C ₄₁ H ₆₈ O ₁₄
Molecular Weight:	784.97
Target:	Others
Pathway:	Others
Storage:	<div> <div>Powder</div> <div> -20°C 3 years 4°C 2 years </div> </div> <div> <div>In solvent</div> <div> -80°C 6 months -20°C 1 month </div> </div>



SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (63.70 mM; Need ultrasonic)					
	Preparing Stock Solutions	<div><div>Solvent</div><div>Concentration</div></div>	Mass	1 mg	5 mg	10 mg
		1 mM		1.2739 mL	6.3697 mL	12.7393 mL
		5 mM		0.2548 mL	1.2739 mL	2.5479 mL
		10 mM		0.1274 mL	0.6370 mL	1.2739 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (3.18 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (3.18 mM); Suspended solution; Need ultrasonic					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (3.18 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Astragaloside III is a natural product isolated from Astragalus.
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CUSTOMER VALIDATION

- Phytother Res. 2020 May;34(5):1096-1107.

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- Exp Cell Res. 2020 Aug 1;393(1):112054.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. SHI Jing-chao, et al. Determination of Astragaloside III and Astragaloside IV in Astragalus with HPLC-ELSD Method. World Journal of Integrated Traditional and Western Medicine, 2014-07

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

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