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Produktinformation



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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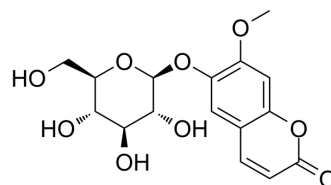
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Magnolioside

Cat. No.:	HY-N7034
CAS No.:	20186-29-2
Molecular Formula:	C ₁₆ H ₁₈ O ₉
Molecular Weight:	354.31
Target:	Others
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (141.12 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.8224 mL	14.1119 mL	28.2239 mL
	5 mM	0.5645 mL	2.8224 mL	5.6448 mL
	10 mM	0.2822 mL	1.4112 mL	2.8224 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (7.06 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (7.06 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (7.06 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Magnolioside, isolated from *Angelica gigas* Nakai (Umbelliferae), exhibits significant neuroprotective activities against glutamate-induced toxicity^[1].

REFERENCES

- [1]. Kang SY, et al. Neuroprotective coumarins from the root of *Angelica gigas*: structure-activity relationships. Arch Pharm Res. 2007 Nov;30(11):1368-73.

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

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