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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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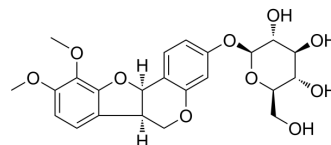
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Methylnissolin-3-O-glucoside

Cat. No.:	HY-N2473
CAS No.:	94367-42-7
Molecular Formula:	C ₂₃ H ₂₆ O ₁₀
Molecular Weight:	462.45
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (216.24 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	2.1624 mL	10.8120 mL	21.6240 mL
				5 mM	0.4325 mL	2.1624 mL	4.3248 mL
				10 mM	0.2162 mL	1.0812 mL	2.1624 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 (5.41 mM); Clear solution						
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (5.41 mM); Clear solution						
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (5.41 mM); Clear solution						

BIOLOGICAL ACTIVITY

Description	Methylnissolin-3-O-glucoside (Methylnissolin-3-O-β-D-glucoside) is a flavonoid from the roots of Astragalus membranaceus with anti-inflammatory effects ^[1] .
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REFERENCES

[1]. Bratkov VM, et al. Flavonoids from the Genus Astragalus: Phytochemistry and Biological Activity. Pharmacogn Rev. 2016 Jan-Jun;10(19):11-32.

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

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