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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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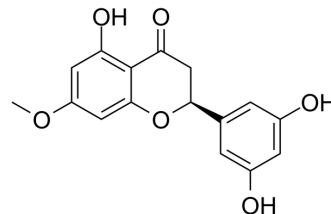
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Blumeatin

Cat. No.:	HY-N2358
CAS No.:	118024-26-3
Molecular Formula:	C ₁₆ H ₁₄ O ₆
Molecular Weight:	302.28
Target:	Others
Pathway:	Others
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 250 mg/mL (827.05 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		3.3082 mL	16.5410 mL	33.0819 mL
		5 mM		0.6616 mL	3.3082 mL	6.6164 mL
		10 mM		0.3308 mL	1.6541 mL	3.3082 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: ≥ 2.08 mg/mL (6.88 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (6.88 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (6.88 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Blumeatin, isolated from <i>Blumea balsamifera</i> DC, could protect liver against injury induced by CCl ₄ and thioacetamide (TAA) [1].
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REFERENCES

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

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