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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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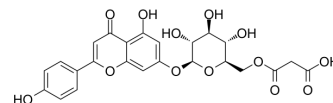
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Apigenin 7-O-malonylglucoside

Cat. No.:	HY-N2496
CAS No.:	86546-87-4
Molecular Formula:	C ₂₄ H ₂₂ O ₁₃
Molecular Weight:	518.42
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 : 50 mg/mL (96.45 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		1.9289 mL	9.6447 mL	19.2894 mL
		5 mM		0.3858 mL	1.9289 mL	3.8579 mL
		10 mM		0.1929 mL	0.9645 mL	1.9289 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: ≥ 1.25 mg/mL (2.41 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 1.25 mg/mL (2.41 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil					
	Solubility: ≥ 1.25 mg/mL (2.41 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Apigenin 7-O-malonylglucoside is found in chrysanthemum flowers ^[1] .
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REFERENCES

[1]. Chen S M, et al. The identification of flavonoids and the expression of genes of anthocyanin biosynthesis in the chrysanthemum flowers[J]. Biologia Plantarum, 2012, 56(3):458-464.

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

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