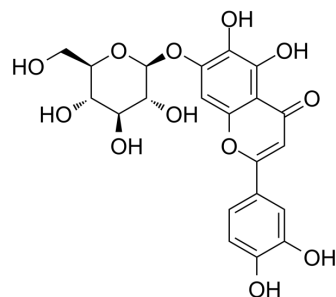


6-Hydroxyluteolin 7-glucoside

Cat. No.:	HY-129529
CAS No.:	54300-65-1
Molecular Formula:	C ₂₁ H ₂₀ O ₁₂
Molecular Weight:	464.38
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 (215.34 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.1534 mL	10.7670 mL	21.5341 mL
		5 mM	0.4307 mL	2.1534 mL	4.3068 mL
		10 mM	0.2153 mL	1.0767 mL	2.1534 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 (5.38 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (5.38 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	6-Hydroxyluteolin 7-glucoside is a flavonoid from <i>Tanacetum parthenium</i> and <i>T. vulgare</i> . 6-Hydroxyluteolin 7-glucoside inhibits the major pathways of arachidonate metabolism in leukocytes. 6-Hydroxyluteolin 7-glucoside has anti-inflammatory effect ^[1] .
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REFERENCES

[1]. Williams CA, et al. The flavonoids of *Tanacetum parthenium* and *T. vulgare* and their anti-inflammatory properties. *Phytochemistry*. 1999 Jun;51(3):417-23.

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

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