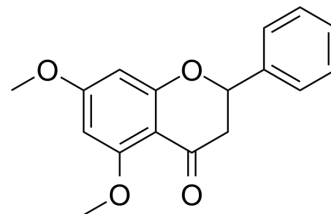


5,7-Dimethoxyflavanone

Cat. No.:	HY-N10879
CAS No.:	1036-72-2
Molecular Formula:	C ₁₇ H ₁₆ O ₄
Molecular Weight:	284.31
Target:	Others
Pathway:	Others
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 12.5 mg/mL (43.97 mM; Need ultrasonic)				
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	
				5 mg	
				10 mg	
				10 mg	
			1 mg	5 mg	10 mg
	1 mM		3.5173 mL	17.5864 mL	35.1729 mL
	5 mM		0.7035 mL	3.5173 mL	7.0346 mL
	10 mM		0.3517 mL	1.7586 mL	3.5173 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 1.25 mg/mL (4.40 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	5,7-Dimethoxyflavanone is an active compound. 5,7-Dimethoxyflavanone can be Isolated from the roots of Zanthoxylum nitidum ^[1] .
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REFERENCES

[1]. Jian-Hui Su, et al. Coumarins and lignans from the roots of Zanthoxylum nitidum. Biochemical Systematics and Ecology 101 (2022) 104399.

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

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