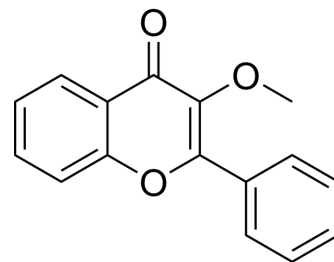


## 3-Methoxyflavone

Cat. No.:	HY-N9499		
CAS No.:	7245-02-5		
Molecular Formula:	C <sub>16</sub> H <sub>12</sub> O <sub>3</sub>		
Molecular Weight:	252.26		
Target:	Antibiotic		
Pathway:	Anti-infection		
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 : 100 mg/mL (396.42 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	3.9642 mL	19.8208 mL	39.6416 mL
		5 mM	0.7928 mL	3.9642 mL	7.9283 mL
10 mM		0.3964 mL	1.9821 mL	3.9642 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 (9.91 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (9.91 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (9.91 mM); Clear solution				

### BIOLOGICAL ACTIVITY

Description	3-Methoxyflavone is a flavonoid compound isolated from <i>Artemisia incanescens</i> with antiviral activity <sup>[1][2]</sup> .
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### REFERENCES

[1]. Vlietinck AJ, et al. Antiviral activity of 3-methoxyflavones. *Prog Clin Biol Res.* 1986;213:537-540.

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

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