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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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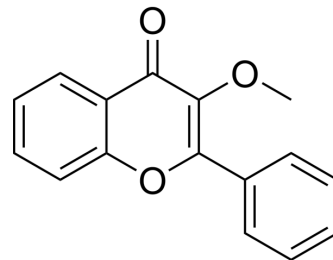
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3-Methoxyflavone

Cat. No.:	HY-N9499
CAS No.:	7245-02-5
Molecular Formula:	C ₁₆ H ₁₂ O ₃
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)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		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 ^{[1][2]} .
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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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