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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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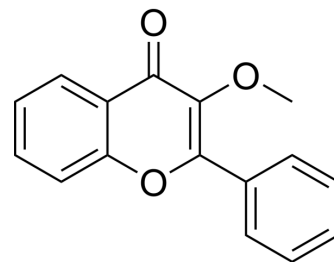
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3-Methoxyflavone

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)

Concentration	Solvent	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

- 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
- 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
- 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 *Artemisia incanescens* with antiviral activity^{[1][2]}.

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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