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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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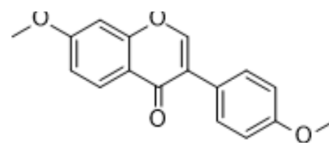
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4',7-Dimethoxyisoflavone

Cat. No.:	HY-N2145
CAS No.:	1157-39-7
Molecular Formula:	C ₁₇ H ₁₄ O ₄
Molecular Weight:	282.29
Target:	Fungal; Endogenous Metabolite
Pathway:	Anti-infection; Metabolic Enzyme/Protease
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (177.12 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
		Concentration				
		1 mM		3.5425 mL	17.7123 mL	35.4246 mL
		5 mM		0.7085 mL	3.5425 mL	7.0849 mL
10 mM		0.3542 mL	1.7712 mL	3.5425 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: ≥ 2.5 mg/mL (8.86 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	4',7-Dimethoxyisoflavone is isolated from the leaves of Albizzia lebbeck, which shows antifungal activity ^[1] .
In Vitro	4',7-Dimethoxyisoflavone shows antifungal activity against some plant pathogenic fungi tested in vitro, and the sensitivity of different fungi to this chemical varied considerably ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. M. K. Pandey, et al. Antifungal Activity of 4',7-Dimethoxyisoflavone Against Some Fungi. Mycobiology 30(1): 55-56 (2002).
- [2]. M. K. Pandey, et al. Antifungal Activity of 4',7-Dimethoxyisoflavone Against Some Fungi. Mycobiology 30(1): 55-56 (2002).

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

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