



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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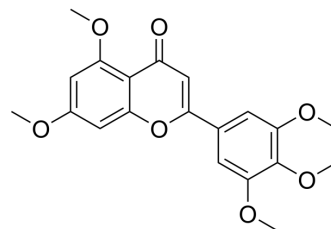
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3',4',5',5,7-Pentamethoxyflavone

Cat. No.:	HY-N7029
CAS No.:	53350-26-8
Molecular Formula:	C ₂₀ H ₂₀ O ₇
Molecular Weight:	372.37
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 20 mg/mL (53.71 mM); ultrasonic and warming and heat to 60°C			
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg
				5 mg
				10 mg
				10 mM
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 mg/mL (5.37 mM); Clear solution			

BIOLOGICAL ACTIVITY

Description	3',4',5',5,7-Pentamethoxyflavone, a natural flavonoid extracted from Rutaceae plants, sensitizes chemoresistant cancer cells to chemotherapeutic agents by inhibition of Nrf2 pathway ^[1] .
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REFERENCES

[1]. Hou X, et al. 3',4',5',5,7-pentamethoxyflavone sensitizes Cisplatin-resistant A549 cells to Cisplatin by inhibition of Nrf2 pathway. Mol Cells. 2015 May;38(5):396-401.

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

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