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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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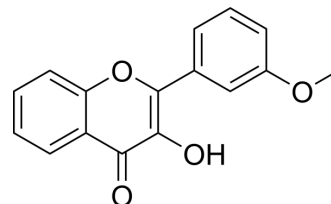
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3'-Methoxyflavonol

Cat. No.:	HY-N6629
CAS No.:	76666-32-5
Molecular Formula:	C ₁₆ H ₁₂ O ₄
Molecular Weight:	268.26
Target:	Others
Pathway:	Others
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 2 years -20°C 1 year



SOLVENT & SOLUBILITY

In Vitro	DMSO : 155 mg/mL (577.80 mM; Need ultrasonic and warming)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		3.7277 mL	18.6386 mL	37.2773 mL
		5 mM		0.7455 mL	3.7277 mL	7.4555 mL
		10 mM		0.3728 mL	1.8639 mL	3.7277 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 (9.32 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	3'-Methoxyflavonol is a selective agonist of neuromedin U 2 receptor (NMU2R).
IC ₅₀ & Target	NMU2R ^[1]
In Vitro	3'-Methoxyflavonol (NRA 10) is a selective agonist of neuromedin U 2 receptor (NMU2R) ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Ma ML, et al. Design, synthesis and biological activity of flavonoid derivatives as selective agonists for neuromedin U 2 receptor. Bioorg Med Chem. 2014 Nov

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

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