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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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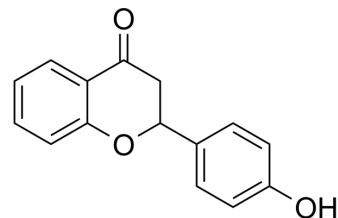
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4'-Hydroxyflavanone

Cat. No.:	HY-N8495		
CAS No.:	6515-37-3		
Molecular Formula:	C ₁₅ H ₁₂ O ₃		
Molecular Weight:	240.25		
Target:	Others		
Pathway:	Others		
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 (416.23 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
			10 mg	
Preparing Stock Solutions	1 mM	4.1623 mL	20.8117 mL	41.6233 mL
	5 mM	0.8325 mL	4.1623 mL	8.3247 mL
	10 mM	0.4162 mL	2.0812 mL	4.1623 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 (10.41 mM); Clear solution			
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (10.41 mM); Clear solution			
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (10.41 mM); Clear solution			

BIOLOGICAL ACTIVITY

Description	4'-Hydroxyflavanone is an inhibitor of SREBP maturation and lipid synthesis. 4'-Hydroxyflavanone is a synthetic analogue of flavanone, has potential for hepatic steatosis and dyslipidemia research ^[1] .
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REFERENCES

[1]. Shingo Miyata, et al. 4'-Hydroxyflavanone suppresses activation of sterol regulatory element-binding proteins and de novo lipid synthesis. FEBS Lett. 2012 Jun 21;586(13):1778-82.

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

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