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Produktinformation



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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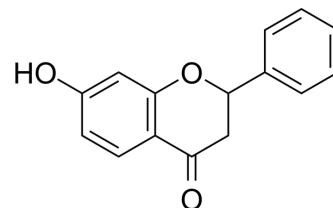
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7-Hydroxyflavanone

Cat. No.:	HY-W087008
CAS No.:	6515-36-2
Molecular Formula:	C ₁₅ H ₁₂ O ₃
Molecular Weight:	240.25
Target:	Cytochrome P450
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, stored under nitrogen
	* In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 125 mg/mL (520.29 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		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.						

BIOLOGICAL ACTIVITY

Description	7-Hydroxyflavanone is a potent inhibitor of aromatase (CYP19) activity with the IC ₅₀ of 65 µM. 7-Hydroxyflavanone exerts various biological effects, including anticarcinogenic, antioxidant and (anti-)estrogenic effects, and modula
IC ₅₀ & Target	Aromatase

REFERENCES

- [1]. Sanderson JT, et al. Induction and inhibition of aromatase (CYP19) activity by natural and synthetic flavonoid compounds in H295R human adrenocortical carcinoma cells. Toxicol Sci. 2004 Nov;82(1):70-9.
- [2]. J Thomas Sanderson, et al. Induction and inhibition of aromatase (CYP19) activity by natural and synthetic flavonoid compounds in H295R human adrenocortical carcinoma cells. Toxicol Sci. 2004 Nov;82(1):70-9.

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

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