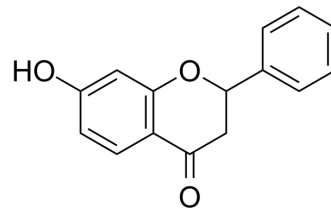


7-Hydroxyflavanone

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



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	IC ₅₀ : 65 μM (Aromatase) ^[1]

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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