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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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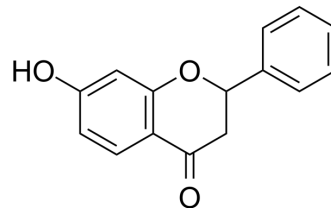
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7-Hydroxyflavanone

| | |
|--------------------|--|
| 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) |



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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