



SZABO SCANDIC

Part of Europa Biosite

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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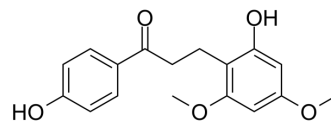
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4',2-Dihydroxy-4,6-dimethoxydihydrochalcone

Cat. No.:	HY-N8170
CAS No.:	151752-07-7
Molecular Formula:	C ₁₇ H ₁₈ O ₅
Molecular Weight:	302.32
Target:	Estrogen Receptor/ERR
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	4',2-Dihydroxy-4,6-dimethoxydihydrochalcone, an estrogen agonist, shows binding affinity for bovine uterine estrogen receptor with an IC ₅₀ of 15 μM ^[1] .
IC ₅₀ & Target	Estrogen receptor
In Vitro	4',2-Dihydroxy-4,6-dimethoxydihydrochalcone stimulates the MCF-7 cell proliferation in a concentration dependent manner between 10 nM and 10 μM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. K Ichikawa, et al. Retrodihydrochalcones and homoisoflavones isolated from Thai medicinal plant *Dracaena loureiri* and their estrogen agonist activity. *Planta Med.* 1997 Dec;63(6):540-3.

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

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