



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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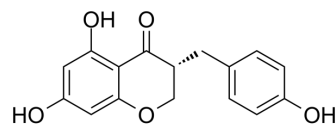
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(R)-(4'-Hydroxy)-5,7-dihydroxy-4-chromanone

Cat. No.:	HY-N8178
CAS No.:	849727-88-4
Molecular Formula:	C ₁₆ H ₁₄ O ₅
Molecular Weight:	286.28
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	(R)-(4'-Hydroxy)-5,7-dihydroxy-4-chromanone, a homoisoflavonoid, has antiangiogenic activity against human retinal microvascular endothelial cells ^[1] .
In Vitro	(R)-(4'-Hydroxy)-5,7-dihydroxy-4-chromanone has an GI ₅₀ value of 35.8 μM on proliferation of human retinal microvascular endothelial cells (HRECs) ^[1] . (R)-(4'-Hydroxy)-5,7-dihydroxy-4-chromanone (10 μM, 30 μM, and 100 μM; 8 hours) significantly decreases HRECs overall tubule formation and in a dose-dependent manner ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Sianne L Schwikkard, et al. Antiangiogenic Activity and Cytotoxicity of Triterpenoids and Homoisoflavonoids from *Massonia pustulata* and *Massonia bifolia*. *Planta Med.* 2018 Jul;84(9-10):638-644.

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

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