



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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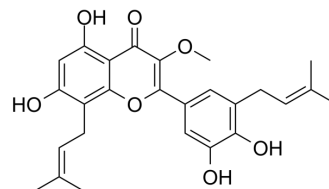
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5,7,3',4'-Tetrahydroxy-3-methoxy-8,5'-diprenylflavone

Cat. No.:	HY-N9174
CAS No.:	1353676-65-9
Molecular Formula:	C ₂₆ H ₂₈ O ₇
Molecular Weight:	452.5
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

5,7,3',4'-Tetrahydroxy-3-methoxy-8,5'-diprenylflavone is a natural product that can be extracted from *B. papyrifera*. 5,7,3',4'-Tetrahydroxy-3-methoxy-8,5'-diprenylflavone has potent anti-proliferation effects on ER-positive breast cancer cells, with an IC₅₀ value of 4.41 μM for MCF-7 cells. 5,7,3',4'-Tetrahydroxy-3-methoxy-8,5'-diprenylflavone also reduces the tumor growth in the BCAP-37 xenograft^[1].

REFERENCES

[1]. FujiangGuo, et al. Prenylflavone derivatives from *Broussonetia papyrifera*, inhibit the growth of breast cancer cells in vitro and in vivo. *Phytochemistry Letters*. Volume 6, Issue 3, August 2013, Pages 331-336.

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

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