



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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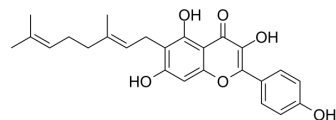
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Macarangin

Cat. No.:	HY-N12941
CAS No.:	129385-65-5
Molecular Formula:	C ₂₅ H ₂₆ O ₆
Molecular Weight:	422.47
Target:	Reactive Oxygen Species; NOD-like Receptor (NLR)
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Macarangin can be isolated from propolis. Macarangin has DPPH radical-scavenging activity and shows anti-inflammatory activities via inhibiting the activation process of NLRP3 inflammasome^{[1][2]}.

REFERENCES

[1]. Petrova A, et al. New biologically active compounds from Kenyan propolis. *Fitoterapia*. 2010;81(6):509-514.

[2]. Hu Y, et al. Total synthesis/semi-synthesis of natural isopentenyl flavonoids with inhibitory activity on NLRP3 inflammasome. *Bioorg Med Chem Lett*. 2024;107:129777.

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

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