



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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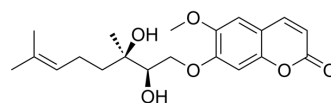
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Ailancoumarin E

Cat. No.:	HY-N12875
Molecular Formula:	C ₂₀ H ₂₆ O ₆
Molecular Weight:	362.42
Target:	Tyrosinase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Ailancoumarin E (Compound 5) is a derivative of Coumarin (HY-N0709). Ailancoumarin E exhibits antifeedant activity toward *Plutella xylostella*, and inhibits growth of third instar larva. Ailancoumarin E inhibits tyrosinase with IC₅₀ of 14.21 μM^[1].

REFERENCES

[1]. Duan ZK, et al., Bioassay-Guided and DeepSAT-Driven Precise Mining of Monoterpenoid Coumarin Derivatives with Antifeedant Effects from the Leaves of *Ailanthus altissima*. *J Agric Food Chem.* 2024 May 15;72(19):10958-10969.

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

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