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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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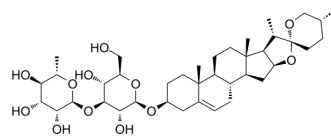
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Polyphyllin C

Cat. No.:	HY-W019829
CAS No.:	76296-71-4
Molecular Formula:	C ₃₉ H ₆₂ O ₁₂
Molecular Weight:	722.9
Target:	Tyrosinase; Parasite
Pathway:	Metabolic Enzyme/Protease; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Polyphyllin C (compound 2) is a spirostanol saponin. Polyphyllin C exhibits mild (IC ₅₀ =36.87 μM) activities against the tyrosinase and moderate (IC ₅₀ =1.59 μg/mL) antileishmanial activities ^{[1][2]} .
IC ₅₀ & Target	IC ₅₀ : 36.87 μM (tyrosinase) ^[1]

REFERENCES

- [1]. Devkota KP, et, al. Tyrosinase inhibitory and antileishmanial constituents from the rhizomes of Paris polyphylla. Nat Prod Res. 2007 Apr;21(4):321-7.
- [2]. Singh SB, et, al. Spirostanol saponins from Paris polyphylla, structures of polyphyllin C, D, E and F. Phytochemistry.1980; 21(12): 2925-2929.

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

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