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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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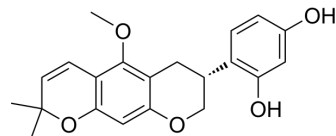
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Neorauflavane

Cat. No.:	HY-N3200		
CAS No.:	53734-74-0		
Molecular Formula:	C ₂₁ H ₂₂ O ₅		
Molecular Weight:	354.4		
Target:	Tyrosinase		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

Neorauflavane is a potent tyrosinase inhibitor derived from *Campylotropis hirtella*, with an IC₅₀ value of 30 nM for tyrosinase monophenolase activity and an IC₅₀ value of 500 nM for diphenolase activity. Neorauflavane can effectively reduce the melanin content of B16 melanoma cells^[1].

REFERENCES

[1]. Xuefei Tan, et al. Highly potent tyrosinase inhibitor, neorauflavane from *Campylotropis hirtella* and inhibitory mechanism with molecular docking. *Bioorg Med Chem.* 2016 Jan 15;24(2):153-9.

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

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