



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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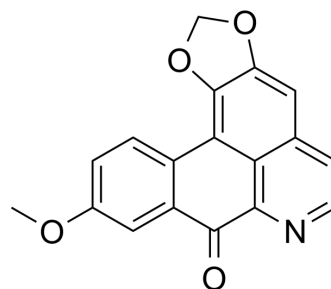
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Lanuginosine

Cat. No.:	HY-119398		
CAS No.:	23740-25-2		
Molecular Formula:	C ₁₈ H ₁₁ NO ₄		
Molecular Weight:	305.28		
Target:	Amyloid-β; Cholinesterase (ChE)		
Pathway:	Neuronal Signaling		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 0.5 mg/mL (1.64 mM; ultrasonic and warming and adjust pH to 2 with 1 M HCL and heat to 60°C)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		3.2757 mL	16.3784 mL	32.7568 mL
	5 mM		---	---	---
	10 mM		---	---	---

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Lanuginosine (Compound 12) is an AChE inhibitor (IC₅₀: 10.9 μM). Lanuginosine inhibits Aβ aggregation. Lanuginosine can be used for research of Alzheimer's disease^[1].

IC₅₀ & Target

10.9 μM (AChE)^[1]

REFERENCES

[1]. Jiang K, et al. Bioactive Isoquinoline Alkaloids with Diverse Skeletons from Fissistigma polyanthum. J Nat Prod. 2023 Aug 24.

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

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