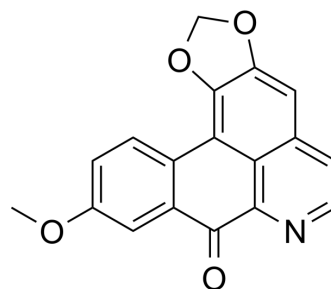


Lanuginosine

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:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Lanuginosine (Compound 12) is an AChE inhibitor (IC ₅₀ : 10.9 μM). Lanuginosine inhibits Aβ aggregation. Lanuginosine can be used for research of Alzheimer's disease ^[1] .
IC ₅₀ & 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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