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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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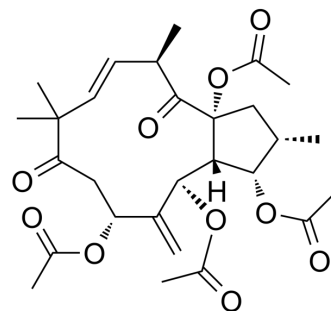
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PCSK9-IN-28

Cat. No.:	HY-N13083
Molecular Formula:	C ₂₈ H ₃₈ O ₁₀
Molecular Weight:	534.6
Target:	PCSK9
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

PCSK9-IN-28 (Compound C11) is a PCSK9 inhibitor that can be isolated from *Euphorbia esula*. By binding to HNF1 α , PCSK9-IN-28 inhibits PCSK9 transcription by binding to HNF1 α and affecting its nuclear distribution, thereby enhancing LDLR and promoting LDL uptake. PCSK9-IN-28 exhibits significant lipid-lowering activity in the high-fat diet (HFD) mouse model and can be used in the study of hyperlipidemia^[1].

REFERENCES

[1]. Chen T, et al. Novel Jatrophone Diterpenoids from *Euphorbia esula* Promotes Lipid Clearance by Transcriptional Regulation of PCSK9[J]. *Journal of Medicinal Chemistry*, 2024.

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

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