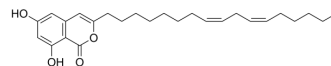


PCSK9-IN-9

Cat. No.:	HY-N10702
Molecular Formula:	C ₂₆ H ₃₆ O ₄
Molecular Weight:	412.56
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-9 is an isocoumarin of natural origin. PCSK9-IN-9 can inhibit proprotein convertase subtilisin-kexin type 9 (PCSK9), IDOL, and SREBP2 mRNA expression. PCSK9-IN-9 inhibits PCSK9 with an IC ₅₀ value of 11.9 μM ^[1] .
IC ₅₀ & Target	Proprotein convertase subtilisin-kexin type 9 (PCSK9) ^[1]
In Vitro	PCSK9-IN-9 (compound 1) (20 μM; 24 h) suppresses PCSK9 mRNA level without affecting the protein level in HepG2 cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Pel P, et al. Isocoumarins and Benzoquinones with Their Proprotein Convertase Subtilisin/Kexin Type 9 Expression Inhibitory Activities from Dried Roots of *Lysimachia vulgaris*. ACS Omega, 2022.

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

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