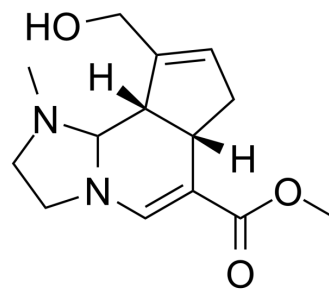


NF-κB-IN-6

Cat. No.:	HY-147770
Molecular Formula:	C ₁₄ H ₂₀ N ₂ O ₃
Molecular Weight:	264.32
Target:	NF-κB
Pathway:	NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	NF-κB-IN-6 (Compound 3d) is an anti-inflammatory agent through the mechanism of decreasing the protein expressions of iNOS and COX-2 by suppressing NF-κB signaling pathway. NF-κB-IN-6 inhibits NO production in LPS-induced RAW264.7 cells with an IC ₅₀ of 23.1 μM ^[1] .
IC ₅₀ & Target	IC ₅₀ : 23.1 μM (NO production) ^[1]

REFERENCES

[1]. Li SM, et al. Bioactivity Study of Tricyclic and Tetracyclic Genipin Derivatives as Anti-inflammatory Agents. Bioorg Chem. 2022 Sep;126:105881.

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

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