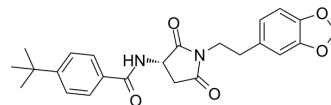


TNF- α -IN-11

Cat. No.:	HY-149331
CAS No.:	2945197-77-1
Molecular Formula:	C ₂₄ H ₂₆ N ₂ O ₅
Molecular Weight:	422.47
Target:	TNF Receptor; Caspase; NF- κ B
Pathway:	Apoptosis; NF- κ B
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

TNF- α -IN-11 (Compound 10) is a TNF- α inhibitor with a K_D value of 12.06 μ M. TNF- α -IN-11 binds to TNF- α and blocks the activation of TNF- α -triggered caspase and NF- κ B signaling pathway. TNF- α -IN-11 inhibits the phosphorylation of I κ B α , as well as the nuclear translocation of NF κ B p65. TNF- α -IN-11 can be used for research of TNF- α -mediated autoimmune diseases^[1].

REFERENCES

[1]. Yang Y, et al. Structure-Based Drug Design and Synthesis of Pyrrolidine-2,5-diones as Novel TNF- α Inhibitors. J Chem Inf Model. 2023 Jun 26;63(12):3911-3924.

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

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