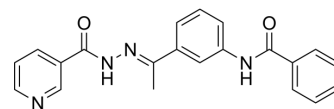


VEGFR-2-IN-40

Cat. No.:	HY-157546
Molecular Formula:	C ₂₁ H ₁₈ N ₄ O ₂
Molecular Weight:	358.39
Target:	VEGFR; Interleukin Related; Caspase
Pathway:	Protein Tyrosine Kinase/RTK; Immunology/Inflammation; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	VEGFR-2-IN-40 is a VEGFR-2 inhibitor. VEGFR-2-IN-40 boosts early and late apoptosis. VEGFR-2-IN-40 decreases the levels immunomodulatory proteins TNF- α and IL-6 while showing a four-fold rise in an apoptotic marker caspase-3 ^[1] .		
IC ₅₀ & Target	VEGFR2	IL-6	Caspase 3

REFERENCES

[1]. Yousef RG, et al. New nicotinamide derivatives as potential anticancer agents targeting VEGFR-2: design, synthesis, in vitro, and in silico studies. J Biomol Struct Dyn. 2023 Dec 15:1-18.

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

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