



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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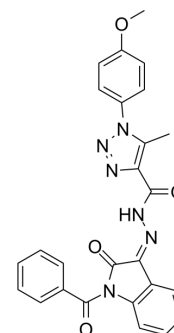
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VEGFR-2/STAT-3-IN-1

Cat. No.:	HY-161859
Molecular Formula:	C ₂₆ H ₂₀ N ₆ O ₄
Molecular Weight:	480.47
Target:	VEGFR; STAT
Pathway:	Protein Tyrosine Kinase/RTK; JAK/STAT Signaling; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	VEGFR-2/STAT-3-IN-1 (Compound 9f) is a dual inhibitor for VEGFR-2 (IC ₅₀ =26.3 nM) and STAT-3 (IC ₅₀ =5.63 nM). VEGFR-2/STAT-3-IN-1 inhibits the proliferation of cancer cells PANC1 and PC3 with IC ₅₀ of 0.14 and 0.10 μM. VEGFR-2/STAT-3-IN-1 induces apoptosis in PC3 ^[1] .	
IC ₅₀ & Target	VEGFR2 26.3 nM (IC ₅₀)	STAT3 5.63 nM (IC ₅₀)

REFERENCES

[1]. Elsebaie HA, et al., Unveiling the potential of isatin-grafted phenyl-1,2,3-triazole derivatives as dual VEGFR-2/STAT-3 inhibitors: Design, synthesis and biological assessments. *Bioorg Chem.* 2024 Jul 10;151:107626.

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

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