



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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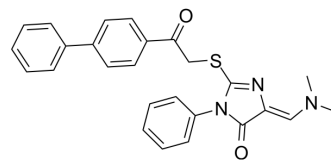
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EGFR-IN-118

Cat. No.:	HY-161866
Molecular Formula:	C ₂₆ H ₂₃ N ₃ O ₂ S
Molecular Weight:	441.54
Target:	EGFR
Pathway:	JAK/STAT Signaling; Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

EGFR-IN-118 (Compound 4a) is an inhibitor for the tyrosine kinase EGFR. EGFR-IN-118 demonstrates anti-cancer property, inhibiting the proliferation of MCF-7 and PC3 with IC₅₀ of 2.53 and 3.25 µg/ml. EGFR-IN-118 exhibits antioxidant efficacy, inhibiting the DPPH free radicals with IC₅₀ of 10.04 µg/ml^[1].

REFERENCES

[1]. Seliem IA. DMF-DMA catalyzed Synthesis, molecular docking, in-vitro, in-silico design, and binding free energy studies of novel thiohydantoin derivatives as antioxidant and antiproliferative agents targeting EGFR tyrosine kinase and aromatase cytochrome P450 enzyme. Bioorg Chem. 2024 Sep;150:107601.

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

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