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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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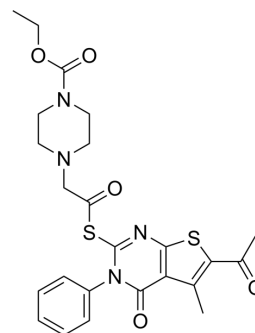
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EGFR/DHFR-IN-1

Cat. No.:	HY-163722
Molecular Formula:	C ₂₄ H ₂₆ N ₄ O ₅ S ₂
Molecular Weight:	514.62
Target:	EGFR; Dihydrofolate reductase (DHFR)
Pathway:	JAK/STAT Signaling; Protein Tyrosine Kinase/RTK; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

EGFR/DHFR-IN-1 (Compound 10e) is a dual inhibitor of EGFR and DHFR with IC₅₀s of 0.151 and 0.541 μM, respectively. EGFR/DHFR-IN-1 arrests the cell cycle at both G₀-G₁ and S phases^[1].

REFERENCES

[1]. Fouad M M, et al. Synthesis and in vitro antitumor evaluation of new thieno [2, 3-d] pyrimidine derivatives as EGFR and DHFR inhibitors[J]. Bioorganic Chemistry, 2024, 148: 107401.

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

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