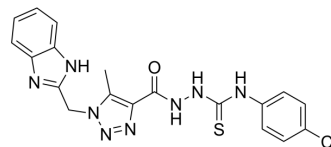


EGFR-IN-94

Cat. No.:	HY-157324
Molecular Formula:	C ₁₉ H ₁₇ ClN ₈ OS
Molecular Weight:	440.91
Target:	EGFR; Apoptosis; VEGFR
Pathway:	JAK/STAT Signaling; Protein Tyrosine Kinase/RTK; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

EGFR-IN-94 (compound 5a) is a EGFR inhibitor with IC₅₀ of 0.0867 μM, and also has IC₅₀ of 0.107 μM and 2.52 μM for VEGFR-2 and Topo II, respectively. EGFR-IN-94 induces cell apoptosis and arrests cell cycle at the S phase in HepG-2 cells [1].

REFERENCES

[1]. Othman DIA, et al. Identification of new benzimidazole-triazole hybrids as anticancer agents: multi-target recognition, in vitro and in silico studies. J Enzyme Inhib Med Chem. 2023;38(1):2166037.

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

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