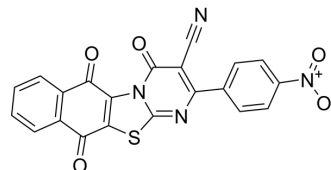


Topoisomerase II/EGFR-IN-1

Cat. No.:	HY-157402
Molecular Formula:	C ₂₁ H ₈ N ₄ O ₅ S
Molecular Weight:	428.38
Target:	Topoisomerase; EGFR
Pathway:	Cell Cycle/DNA Damage; JAK/STAT Signaling; Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Topoisomerase II/EGFR-IN-1 is topoisomerase II/EGFR dual inhibitor. Topoisomerase II/EGFR-IN-1 has superior cytotoxic activity to MCF-7, A549 and HCT-116 cell lines, displays strong apoptotic activity and can be used for the research of cancer [1].
IC ₅₀ & Target	Topoisomerase II

REFERENCES

[1]. Mourad M A E, et al. Novel topoisomerase II/EGFR dual inhibitors: design, synthesis and docking studies of naphtho [2', 3': 4, 5] thiazolo [3, 2-a] pyrimidine hybrids as potential anticancer agents with apoptosis inducing activity [J]. Journal of Enzyme Inhibition and Medicinal Chemistry, 2023, 38(1): 2205043.

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

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