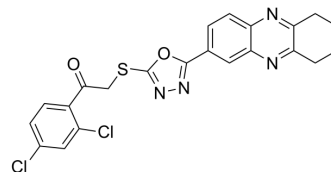


EGFR-IN-88

Cat. No.:	HY-156033
CAS No.:	2944452-34-8
Molecular Formula:	C ₂₂ H ₁₈ Cl ₂ N ₄ O ₂ S
Molecular Weight:	473.37
Target:	EGFR; Apoptosis
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-88 (Compound 4i) is an EGFR inhibitor (IC ₅₀ : 87 nM). EGFR-IN-88 shows cytotoxicity against A549 cell with an IC ₅₀ of 3.902 μM. EGFR-IN-88 can induce cell apoptosis ^[1] .
IC ₅₀ & Target	87 nM (EGFR) ^[1]

REFERENCES

[1]. Ali SH, et al. Design, synthesis, and molecular docking studies of novel quinoxaline derivatives as anticancer agents. Chem Biol Drug Des. 2023 Aug;102(2):303-315.

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

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