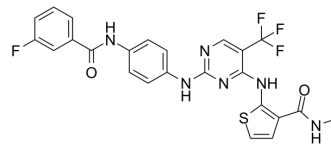


EGFR-IN-3

Cat. No.:	HY-144760
CAS No.:	3031812-65-1
Molecular Formula:	C ₂₄ H ₁₈ F ₄ N ₆ O ₂ S
Molecular Weight:	530.5
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-3 (Compound 4c) is a potent EGFR inhibitor with an IC ₅₀ of 0.32 μM against EGFRwt-TK. EGFR-IN-3 shows cytotoxic activity against cancer cell lines and induces apoptosis ^[1] .
IC ₅₀ & Target	EGFR ^{WT} 0.32 μM (IC ₅₀)

REFERENCES

[1]. Yan L, et al. Design, synthesis and biological evaluation of a series of dianilinopyrimidines as EGFR inhibitors. J Enzyme Inhib Med Chem. 2022 Dec;37(1):832-843.

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

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