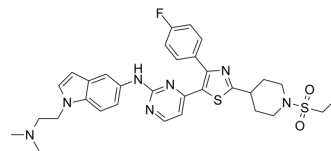


EGFR-IN-90

Cat. No.:	HY-156457
CAS No.:	3008611-00-2
Molecular Formula:	C ₃₂ H ₃₆ FN ₇ O ₂ S ₂
Molecular Weight:	633.8
Target:	EGFR
Pathway:	JAK/STAT Signaling; Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	EGFR-IN-90 (compound 34) is an orally active EGFR inhibitor. EGFR-IN-90 shows inhibitory activity against EGFR L858R/T790M/C797S with an IC ₅₀ of 5.1 nM and inhibits the proliferation of the H1975-TM cell line harboring EGFR L858R/T790M/C797S with an IC ₅₀ of 0.05 μM. EGFR-IN-90 and inhibits tumor growth in the H1975-TM xenograft tumor model ^[1] .
IC ₅₀ & Target	5.1 nM(EGFR) ^[1]

REFERENCES

[1]. Zhu Y, et al. Discovery of Novel Fourth-Generation EGFR Inhibitors to Overcome C797S-Mediated Resistance. J Med Chem. 2023;66(21):14633-14652.

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

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