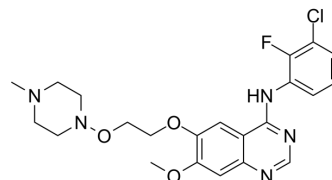


EGFR-IN-91

Cat. No.:	HY-149695
Molecular Formula:	C ₂₂ H ₂₅ ClFN ₅ O ₃
Molecular Weight:	461.92
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-91 (compound 9) is an orally available EGFR inhibitor with blood-brain barrier penetrability. EGFR-IN-91 inhibits EGFR^{L858R/C797S} and EGFR^{exon 19del/C797S}, inducing tumor regression in xenograft (PDX) mouse models. EGFR-IN-91 has the potential to inhibit localized and metastatic non-small cell lung cancer (NSCLC) driven by EGFR mutants^[1].

REFERENCES

[1]. Hill J et al. Discovery of a Hydroxylamine-Based Brain-Penetrant EGFR Inhibitor for Metastatic Non-Small-Cell Lung Cancer[J]. Journal of Medicinal Chemistry, 2023.

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

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