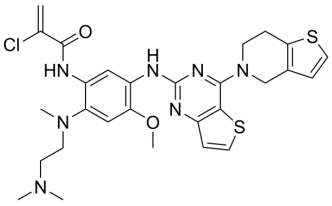
EGFR T790M/L858R-IN-3

Cat. No.:	HY-157398
Molecular Formula:	$C_{28}H_{32}ClN_7O_2S_2$
Molecular Weight:	598.18
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 T790M/L858R-IN-3 (compound B1) is a $EGFR^{L858R/T790M}$ inhibitor with IC_{50} value of 13?nM. EGFR T790M/L858R-IN-3 shows anti-tumour activity in H1975 cells with an IC_{50} value of 0.087 μM. EGFR T790M/L858R-IN-3 inhibits cell migration in A549 cells and induces apoptosis in H1975 cells[1].

REFERENCES

[1]. Fu J, et al. Design, synthesis, and biological evaluation of pyrido[2,3-d]pyrimidine and thieno[2,3-d]pyrimidine derivatives as novel EGFRL858R/T790M inhibitors. J Enzyme Inhib Med Chem. 2023;38(1):2205605.

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