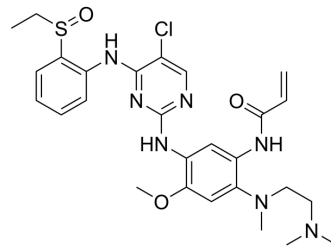


ALK/EGFR-IN-1

Cat. No.:	HY-155227
CAS No.:	2730430-08-5
Molecular Formula:	C ₂₇ H ₃₄ ClN ₇ O ₃ S
Molecular Weight:	572.12
Target:	Anaplastic lymphoma kinase (ALK); EGFR; Apoptosis
Pathway:	Protein Tyrosine Kinase/RTK; JAK/STAT Signaling; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

ALK/EGFR-IN-1 (Compound 8l) is an ALK/EGFR dual inhibitor that blocks the phosphorylation of EGFR and ALK. ALK/EGFR-IN-1 inhibits ALK/EGFR mutants respectively, with IC₅₀ of 4.3 nM for EGFR L858R T790M in H1975 cells and EML4-ALK in BaF3 cells, respectively. and 3.6 nM. ALK/EGFR-IN-1 may be used in NSCLC research^[1].

REFERENCES

[1]. An B, et al. Discovery of potent and effective inhibitors containing sulfoxide structures targeting EML4-ALK rearrangement and EGFR mutant non-small cell lung cancer. *Bioorg Chem.* 2023 Sep;138:106653.

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

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