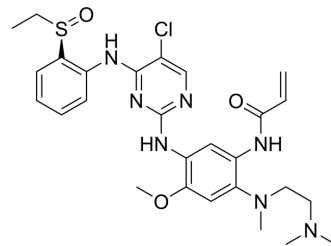


ALK/EGFR-IN-2

Cat. No.:	HY-155227A
CAS No.:	2730432-75-2
Molecular Formula:	C ₂₇ H ₃₄ ClN ₇ O ₃ S
Molecular Weight:	572.12
Target:	Anaplastic lymphoma kinase (ALK)
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

ALK/EGFR-IN-2 is a potent dual inhibitor of ALK and EGFR. ALK/EGFR-IN-2 induces apoptosis and G0/G1 cell cycle arrest in cancer cells. ALK/EGFR-IN-2 significantly inhibits the cell proliferation of H1975, PC9, and Baf3-EML4-ALK cancer cell lines with IC₅₀s of 0.0034, 0.0065, and 0.0018 μM, respectively^[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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