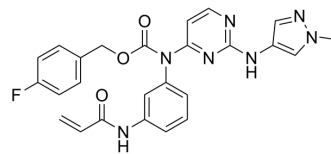


EGFR-IN-99

Cat. No.:	HY-123766
CAS No.:	2068806-31-3
Molecular Formula:	C ₂₅ H ₂₂ FN ₇ O ₃
Molecular Weight:	487.49
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-99 (compound 1a) is a potent EGFR and HER2 Exon 20 insertion mutant inhibitor. EGFR-IN-99 has excellent antiproliferative activity against DFCI127 cells, with an EC₅₀ of 11.5 nM. EGFR-IN-99 can be used for the research of non-small cell lung cancer (NSCLC)^[1].

REFERENCES

[1]. Jang J, et al. Discovery of a Highly Potent and Broadly Effective Epidermal Growth Factor Receptor and HER2 Exon 20 Insertion Mutant Inhibitor. *Angew Chem Int Ed Engl.* 2018 Sep 3;57(36):11629-11633.

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

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