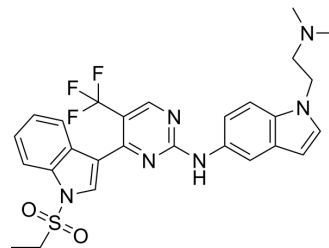


EGFR mutant-IN-2

Cat. No.:	HY-155005
CAS No.:	2770009-06-6
Molecular Formula:	C ₂₇ H ₂₇ F ₃ N ₆ O ₂ S
Molecular Weight:	556.6
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 mutant-IN-2 (Compound D51) is an EGFR mutant inhibitor. EGFR mutant-IN-2 inhibits the EGFR^{L858R/T790M/C797S} mutant with an IC₅₀ value of 14 nM. EGFR mutant-IN-2 inhibits the EGFR^{del19/T790M/C797S} mutant with an IC₅₀ value of 62 nM. EGFR mutant-IN-2 has favorable PK parameters, safety properties, in vivo stability, and antitumor activity^[1].

REFERENCES

[1]. Dong H, et al. Discovery of Potent and Wild-Type-Sparing Fourth-Generation EGFR Inhibitors for Treatment of Osimertinib-Resistance NSCLC. *J Med Chem.* 2023 May 25;66(10):6849-6868.

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

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