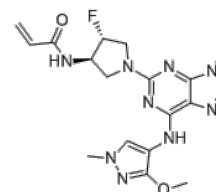


Product Name : PF-06747775
Cat. No. : PC-60295
CAS No. : 1776112-90-3
Molecular Formula : C₁₈H₂₂FN₉O₂
Molecular Weight : 415.433
Target : EGFR
Solubility : 10 mM in DMSO



Biological Activity

Mavelertinib (PF-06747775) is a potent, selective, irreversible EGFR mutants with IC₅₀ of 12, 3, 4 and 5 nM for **EGFR** L858R-T790M, Del-T790M, L858R, and EGFR Del, respectively.

PF-06747775 displays excellent selectivity over wild-type EGFR (IC₅₀=307 nM), and desirable ADME properties.

PF-06747775 shows potential for treatment of EGFR T790M mutation in advanced NSCLC.

References

Planken S, et al. *J Med Chem.* 2017 Apr 13;60(7):3002-3019.

Patel H, et al. *Eur J Med Chem.* 2017 May 11. pii: S0223-5234(17)30388-4.

Wang S, et al. *J Hematol Oncol.* 2016 Apr 12;9:34.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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