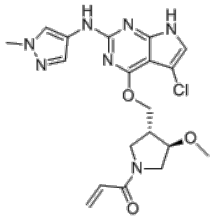
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Data Sheet

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	:	PF-06459988
Cat. No.	:	PC-60296
CAS No.	:	1428774-45-1
Molecular Formula	:	$C_{19}H_{22}ClN_7O_3$
Molecular Weight	:	431.88
Target	:	EGFR
Solubility	:	10 mM in DMSO



Biological Activity

PF-06459988 (PF-6459988) is a potent, selective, irreversible **EGFR mutants** with IC50 of 13, 7, 21 and 90 nM for EGFR L858R-T790M, Del-T790M, L858R, and EGFR Del, respectively.
PF-06459988 exhibist selectivity over wild-type EGFR (IC50>5 uM).
PF-06459988 shows potential for treatment of EGFR T790M mutation in advanced NSCLC.

References

Cheng H, et al. ***J Med Chem.*** 2016 Mar 10;59(5):2005-24.

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

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

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