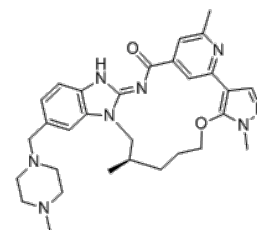


Product Name : BI-4020
Cat. No. : PC-73104
CAS No. : 2664214-60-0
Molecular Formula : C₃₀H₃₈N₈O₂
Molecular Weight : 542.688
Target : EGFR
Solubility : 100 mM in DMSO (54.3 mg/mL)



Biological Activity

BI-4020 (BI 4020) is a potent, next generation, wt-sparing inhibitor of **EGFR mutant T790M** and/or **C797S**, and EGFRdel19 T790M C797S (0.2 nM).

BI-4020 inhibits not only the triple mutant EGFRdel19 T790M C797S variant but also the double mutant EGFRdel19 T790M and primary mutant EGFRdel19 while sparing activity against EGFRwt.

BI-4020 shows high potency on EGFR mutant cells, high kinome selectivity, and good DMPK properties.

BI-4020 exhibits tumor regressions in the human PC-9 (EGFRdel19 T790M C797S) triple mutant NSCLC xenograft model in mice.

References

Engelhardt H, et al. *J Med Chem.* 2019 Nov 27;62(22):10272-10293.

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

E-mail: tech@probechem.com