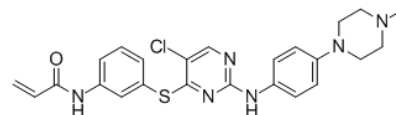


Product Name : WZ8040
Cat. No. : PC-42843
CAS No. : 1214265-57-2
Molecular Formula : C₂₄H₂₅ClN₆OS
Molecular Weight : 481.0129
Target : EGFR
Solubility : 10 mM in DMSO



Biological Activity

WZ8040 is a potent, mutant-selective, irreversible **EGFR T790M** inhibitor, does not inhibit ERBB2 phosphorylation (T798I) and is 100-fold less potent against wild-type EGFR.

WZ8040 potently inhibits the growth of HCC827 (EGFR Del E746_A750), PC9 (EGFR Del E746_A750), H3255 (EGFR L858R), H1975 (EGFR L858R/T790M), and PC9 GR (EGFR Del E746_A750/T790M) with IC₅₀ of 1 nM, 6 nM, 66 nM, 9 nM, and 8 nM, respectively.

References

Zhou W, et al. *Nature*. 2009 Dec 24;462(7276):1070-4.

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

E-mail: tech@probechem.com