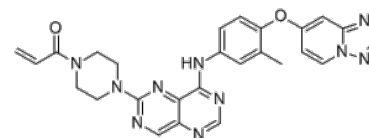


Product Name : BI-1622
Cat. No. : PC-49227
CAS No. : 2681392-19-6
Molecular Formula : C₂₆H₂₄N₁₀O₂
Molecular Weight : 508.54
Target : EGFR
Solubility : 10 mM in DMSO



Biological Activity

BI-1622 (BI 1622) is a potent, selective, covalent and orally active **HER2** inhibitor with IC₅₀ of 7 nM, potently inhibits HER2 exon 20 mutants while sparing WT EGFR.

BI-1622 (5 uM) inhibits the proliferation of HER2-dependent cell lines, dose-dependently decreases pHER2 and pERK levels in NCI-H2170 HER2YVMA and PC-9 HER2YVMA cells.

BI-1622 inhibits tumor growth and inhibits oncogenic signaling in preclinical xenograft models of HER2 exon 20 mutant non-small cell lung cancer.

References

To C, et al. *Nat Cancer*. 2022 Apr;3(4):402-417.

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

E-mail: tech@probechem.com