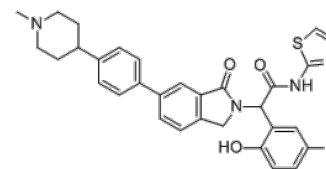


Product Name : JBJ-09-063
Cat. No. : PC-73366
CAS No. : 2820336-67-0
Molecular Formula : C₃₁H₂₉FN₄O₃S
Molecular Weight : 556.656
Target : EGFR
Solubility : 10 mM in DMSO



Biological Activity

JBJ-09-063 is a potent, mutant-selective allosteric **EGFR** inhibitor against EGFR L858R, T790M and C797S mutations, with IC₅₀ of <0.1 nM for recombinant EGFR L858R/T790M kinase domain.

JBJ-09-063 demonstrated cell growth and EGFR phosphorylation inhibition in EGFR L858R/T790M and EGFR L858R/T790M/C797S Ba/F3 cells.

JBJ-09-063 exhibited in vivo anti-tumor activity against xenograft models harboring the EGFR L858R/T790M mutation, and EGFR L858R/T790M/C797S mutation.

References

Ciric To, et al. *Nat Cancer*. 2022 Apr 14. doi: 10.1038/s43018-022-00351-8.

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

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