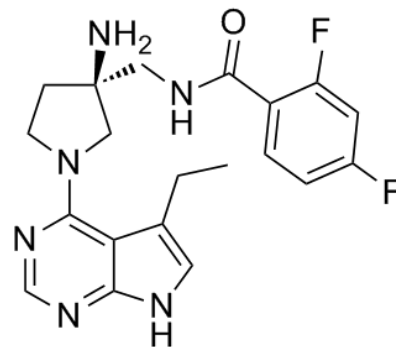


Product Name : PF-AKT400
Cat. No. : PC-42697
CAS No. : 1004990-28-6
Molecular Formula : C₂₀H₂₂F₂N₆O
Molecular Weight : 400.4251
Target : Akt
Solubility : 10 mM in DMSO



Biological Activity

PF-AKT400 is a broadly selective, potent, ATP-competitive **Akt kinase** inhibitor with IC₅₀ of 0.5 nM (biochemical assay), and 0.31 nM (cell function assay).

PF-AKT400 shows >900-fold selectivity over PKA.

PF-AKT400 shows excellent PK profiles and effective in in vivo models of xenograft tumor.

References

Freeman-Cook KD, et al. *J Med Chem.* 2010 Jun 24;53(12):4615-22.

Chen SF, et al. *J Mol Model.* 2013 Nov;19(11):5097-112.

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

E-mail: tech@probechem.com