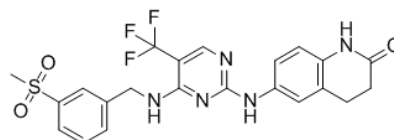


Product Name : PF-573228
Cat. No. : PC-42602
CAS No. : 869288-64-2
Molecular Formula : C₂₂H₂₀F₃N₅O₃S
Molecular Weight : 491.4861
Target : Focal Adhesion Kinase (FAK)
Solubility : DMSO: ≥ 51 mg/mL



Biological Activity

PF-573228 is a potent, selective, ATP-competitive **FAK** inhibitor with IC₅₀ of 4 nM. PF-573228 displays 250-fold selectivity over Pyk2, 50–250-fold over a panel of kinases (CDK1, CDK7, GSK3β). PF-573228 inhibits FAK phosphorylation on Tyr397 in cultured cells (IC₅₀=30-100 nM), inhibits both chemotactic and haptotactic migration.

References

- Slack-Davis JK, et al. *J Biol Chem*. 2007 May 18;282(20):14845-52.
Jones ML, et al. *Biochem Biophys Res Commun*. 2009 Nov 6;389(1):198-203.
Hiscox S, et al. *Breast Cancer Res Treat*. 2011 Feb;125(3):659-69.

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

E-mail: tech@probechem.com