

Product Name	: PF 573228
Synonyms	: FAK Inhibitor II; Focal Adhesion Kinase Inhibitor II
Cat No.	: M16313
CAS Number	: 869288-64-2
Molecular Formula	: C ₂₂ H ₂₀ F ₃ N ₅ O ₃ S
Formula Weight	: 491.49
Chemical Name	: 3,4-Dihydro-6-[[[4-[[[3-(methylsulfonyl)phenyl]methyl]amino]-5-(trifluoromethyl)-2-pyrimidinyl]amino]-2(1H)-quinolinone
Description	: PF-573228 is an ATP-competitive inhibitor of FAK with IC ₅₀ of 4 nM in a cell-free assay, ~50- to 250-fold selective for FAK than Pyk2, CDK1/7 and GSK-3β.
Pathway	: Tyrosine Kinase
Target	: FAK
Receptor	: FAK
Solubility	: DMSO: 26 mg/mL (52.9 mM)
SMILES	: <chem>O=C1NC2=C(C=C(NC3=NC=C(C(F)(F)F)C(NCC4=CC=CC(S(=O)(C)=O)=C4)=N3)C=C2)CC1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Slack-Davis JK, et al. J Biol Chem, 2007, 282(20), 14845-14852.

