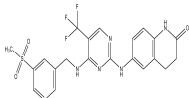


PRODUCT: PF-573228**ALTERNATE NAME:** 3,4-Dihydro-6-[[4-[[[3-(methylsulfonyl)phenyl]methyl]amino]-5-(trifluoromethyl)-2-pyrimidinyl]amino]-2(1*H*)-quinolinone**CATALOG #:** 2819-10, 50**AMOUNT:** 10 mg, 50 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₂H₂₀F₃N₅O₃S**MOLECULAR WEIGHT:** 491.49**CAS NUMBER:** 869288-64-2**APPEARANCE:** Off-white solid**SOLUBILITY:** DMSO (>40 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and light**DESCRIPTION:** PF-573228 is a potent and selective inhibitor of focal adhesion kinase (FAK) (IC₅₀ = 4 nM). PF-573,228 inhibits FAK phosphorylation on Tyr(397) with an IC₅₀ of 30-100 nM. Displays 50 - 250-fold selectivity for FAK over other protein kinases. Blocks serum and fibronectin-directed migration and decreases focal adhesion turnover *in vitro*.**REFERENCES:** Slack-Davis, J.K., *et al.* (2007). *J. Biol. Chem.* **282**, 14845-14852.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

FAK antibody (Cat. No. 3399-100)

Paxillin antibody (Cat. No. 3448-100)

USAGE: **FOR RESEARCH CH USE ONLY! Not to be used in humans**