

PF-573228

Catalog No: tcsc3375



Available Sizes

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

869288-64-2

Formula:

$C_{22}H_{20}F_3N_5O_3S$

Pathway:

Protein Tyrosine Kinase/RTK

Target:

FAK

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 51 mg/mL (103.77 mM)

Observed Molecular Weight:

491.49

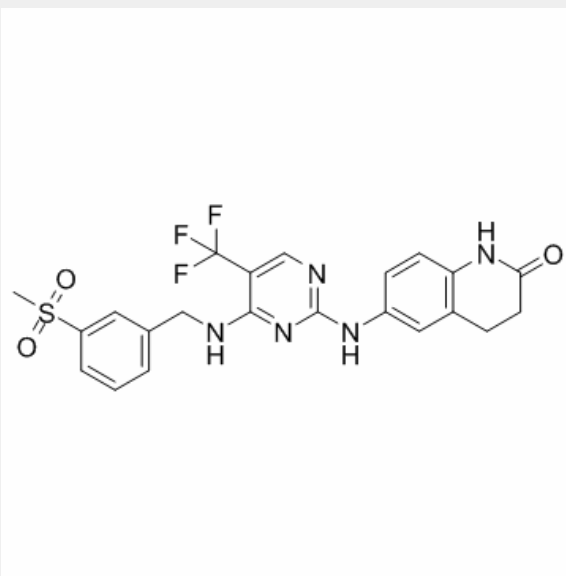
Product Description

PF-573228 is a potent and selective **FAK** inhibitor with **IC₅₀** of 4 nM for purified recombinant catalytic fragment of FAK.

IC50 & Target: IC50: 4 nM (FAK)^[1]

In Vitro:

PF-573228 inhibits purified recombinant catalytic fragment of FAK with an IC_{50} of 4 nM. In cultured cells, PF-573228 inhibits FAK phosphorylation on Tyr₃₉₇ with an IC_{50} of 30-100 nM. Treatment of cells with concentrations of PF-573228 that significantly decreased FAK Tyr₃₉₇ phosphorylation fails to inhibit cell growth or induce apoptosis. In contrast, treatment with PF-573228 inhibits both chemotactic and haptotactic migration concomitant with the inhibition of focal adhesion turnover^[1].



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