Web: www.taiclone.com
Tel: +886-2-2735-9682
Email: order@taiclone.com

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 **IC_{50}** of 4 nM for purified recombinant catalytic fragment of FAK.

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

In Vitro:

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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 Tyr_{397} with an IC_{50} of 30-100 nM. Treatment of cells with concentrations of PF-573228 that significantly decreased FAK Tyr_{397} 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].