

FC 11

Chemical Properties

CAS No. : 2271035-37-9

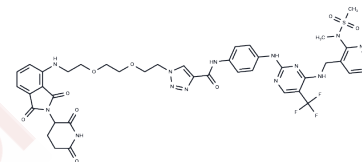
Formula: C41H42F3N13O9S

Molecular Weight: 949.91

Keep away from direct sunlight

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	FC 11 is a highly potent focal adhesion kinase (FAK) PROTAC®Degrader (DC50 values are 40 to 370 pM depending on cell line), which is composed of the FAK inhibitor PF 562217 joined by a linker to the cereblon-binding ligand Pomalidomide. The effects of FC 11 are reversible upon compound wash out. FC 11 also degrades autophosphorylated FAK (pFAK ^{tyr397}), displaying near complete degradation after 3 hours at 100 nM in TM3 cells.
Targets(IC50)	FAK,PROTACs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0527 mL	5.2637 mL	10.5273 mL
5 mM	0.2105 mL	1.0527 mL	2.1055 mL
10 mM	0.1053 mL	0.5264 mL	1.0527 mL
50 mM	0.0211 mL	0.1053 mL	0.2105 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Gao et al (2019) Design, synthesis, and evaluation of highly potent FAK-targeting PROTACs. ACS.Med.Chem.Lett. 11 1855 PMID: 33062164

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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