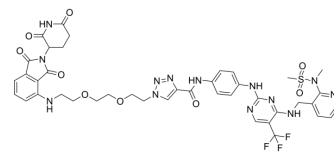


FC-11

Cat. No.:	HY-139344
CAS No.:	2271035-37-9
Molecular Formula:	C ₄₁ H ₄₂ F ₃ N ₁₃ O ₉ S
Molecular Weight:	949.91
Target:	FAK; PROTACs
Pathway:	Protein Tyrosine Kinase/RTK; PROTAC
Storage:	4°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 66.67 mg/mL (70.19 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
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

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

FC-11 is a PROTAC FAK degrader (DC₉₀: 1 nM) . FC-11 contains CRBN ligand Pomalidomide (HY-10984), linker and FAK ligand PF562271 (HY-10459). FC-11 degrades FAK in various cells, with DC_{50s} of 310 pM in TM3, 80 pM in PA1, 330 pM in MDA-MB-436, 370 pM in LNCaP, and 40 pM in Ramos cells^[1].

REFERENCES

[1]. Gao H, et al. Design, Synthesis, and Evaluation of Highly Potent FAK-Targeting PROTACs. ACS Med Chem Lett. 2019 Oct 22;11(10):1855-1862. Gao H, Wu Y, Sun Y, Yang Y, Zhou G, Rao Y. Design, Synthesis, and Evaluation of Highly Potent FAK-Targeting PROTACs. ACS Med Chem Lett. 2019 Oct 22;11(10):1855-1862.

Caution: Product has not been fully validated for medical applications. For research use only.

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