

SZU-B6

Chemical Properties

CAS No. : 3059333-98-8

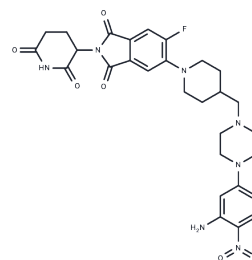
Formula: C₂₉H₃₂FN₇O₆

Molecular Weight: 593.61

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	SZU-B6, a PROTAC degrader, targets and degrades SIRT6 with DC50 values of 45 nM in SK-HEP-1 cells and 154 nM in Huh-7 cells. It inhibits the proliferation of SK-HEP-1 cells with an IC50 of 1.51 μM and suppresses colony formation in both SK-HEP-1 and Huh-7 cell lines. Additionally, SZU-B6 induces apoptosis in SK-HEP-1 cells and causes cell cycle arrest at the G2/M phase. It demonstrates anti-tumor activity in murine models.
Targets(IC50)	Apoptosis,PROTACs,Sirtuin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6846 mL	8.423 mL	16.8461 mL
5 mM	0.3369 mL	1.6846 mL	3.3692 mL
10 mM	0.1685 mL	0.8423 mL	1.6846 mL
50 mM	0.0337 mL	0.1685 mL	0.3369 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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