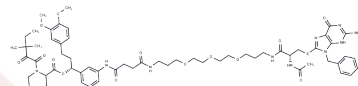


AUTAC2

Chemical Properties

CAS No. :	2241669-08-7
Formula:	C61H81FN10O14S
Molecular Weight:	1229.42
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	AUTAC2 is an FKBP12-targeting autophagy-mediated degrader that incorporates both an FBnG (p-fluorobenzyl guanine) moiety and an SLF moiety, with SLF binding noncovalently to FKBP12, AUTAC2 is utilized in targeted protein degradation research to explore selective autophagic clearance, intracellular quality control mechanisms, and novel degrader design strategies.
Targets(IC50)	AUTACs,mTOR
In vitro	In HeLa cells, treatment with AUTAC2 (10 μM) promoted the K63-linked polyubiquitination of endogenous FKBP12 [1].

Solubility Information

Solubility	DMSO: 80 mg/mL (65.07 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8134 mL	4.067 mL	8.1339 mL
5 mM	0.1627 mL	0.8134 mL	1.6268 mL
10 mM	0.0813 mL	0.4067 mL	0.8134 mL
50 mM	0.0163 mL	0.0813 mL	0.1627 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

Daiki Takahashi, et al. AUTACs: Cargo-Specific Degraders Using Selective Autophagy. Mol Cell. 2019 Dec 5;76(5): 797-810. e10.

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