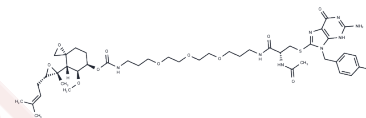


AUTAC1

Chemical Properties

CAS No. :	2241669-09-8
Formula:	C44H63FN8O11S
Molecular Weight:	931.08
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	AUTAC1 is a MetAP2-targeted autophagy-mediated degrader (AUTAC) with potential anticancer activity that degrades MetAP2 and FKBP12 proteins and can be used to synthesize PROTAC.
Targets(IC50)	Autophagy,AUTACs

Solubility Information

Solubility	DMSO: 80 mg/mL (85.92 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 3.3 mg/mL (3.54 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.074 mL	5.3701 mL	10.7402 mL
5 mM	0.2148 mL	1.074 mL	2.148 mL
10 mM	0.1074 mL	0.537 mL	1.074 mL
50 mM	0.0215 mL	0.1074 mL	0.2148 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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