

Acid-PEG3-PFP ester

Chemical Properties

CAS No. : 1835759-67-5

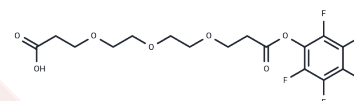
Formula: C16H17F5O7

Molecular Weight: 416.29

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	Acid-PEG3-PFP ester is a PEG-based linker for PROTACs that joins two essential ligands, facilitating the formation of PROTAC molecules and enabling selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, composed of two distinct ligands linked together—one for an E3 ubiquitin ligase and the other for the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4022 mL	12.0109 mL	24.0217 mL
5 mM	0.4804 mL	2.4022 mL	4.8043 mL
10 mM	0.2402 mL	1.2011 mL	2.4022 mL
50 mM	0.048 mL	0.2402 mL	0.4804 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

An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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