

Propargyl-PEG5-PFP ester

Chemical Properties

CAS No. : 2148295-92-3

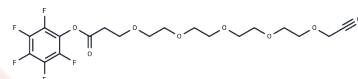
Formula: C₂₀H₂₃F₅O₇

Molecular Weight: 470.389

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	Propargyl-PEG5-PFP ester is a PEG-based linker for PROTACs that connects two essential ligands, facilitating the formation of PROTAC molecules and enabling selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, composed of two ligands linked together—one binding to an E3 ubiquitin ligase and the other to the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1259 mL	10.6295 mL	21.259 mL
5 mM	0.4252 mL	2.1259 mL	4.2518 mL
10 mM	0.2126 mL	1.0629 mL	2.1259 mL
50 mM	0.0425 mL	0.2126 mL	0.4252 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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