Data Sheet (Cat.No.T17959)

TargetMol

Fmoc-N-PEG20-acid

Chemical Properties

CAS No. : 1952360-93-8

Formula: C58H97NO24

Molecular Weight: 1192.38

Storage: Keep away from direct sunlight
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	Fmoc-N-amido-PEG20-acid is a polyethylene glycol (PEG)-based PROTAC linker used in the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two distinct ligands joined by a linker: one targets an E3 ubiquitin ligase, and the other binds to the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8387 mL	4.1933 mL	8.3866 mL
5 mM	0.1677 mL	0.8387 mL	1.6773 mL
10 mM	0.0839 mL	0.4193 mL	0.8387 mL
50 mM	0.0168 mL	0.0839 mL	0.1677 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

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