Data Sheet (Cat.No.T17962)

TargetMol

Fmoc-N-PEG36-acid

Chemical Properties

CAS No. :

Formula: C90H161NO40

Molecular Weight: 1897.22

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-PEG36-acid is a polyethylene glycol (PEG)-based linker used in PROTAC synthesis, designed to construct bifunctional molecules that recruit target proteins to an E3 ubiquitin ligase for degradation[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one binds to an E3 ubiquitin ligase and the other 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	0.5271 mL	2.6354 mL	5.2709 mL
5 mM	0.1054 mL	0.5271 mL	1.0542 mL
10 mM	0.0527 mL	0.2635 mL	0.5271 mL
50 mM	0.0105 mL	0.0527 mL	0.1054 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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