Data Sheet (Cat.No.T17960)

TargetMol

Fmoc-N-PEG23-acid

Chemical Properties

CAS No. :

Formula: C64H109NO27

Molecular Weight: 1324.54

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-PEG23-acid is a polyethylene glycol (PEG)-based linker used in the synthesis of proteolysis-targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two distinct ligands linked together: one targets an E3 ubiquitin ligase, while 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	0.755 mL	3.7749 mL	7.5498 mL
5 mM	0.151 mL	0.755 mL	1.510 mL
10 mM	0.0755 mL	0.3775 mL	0.755 mL
50 mM	0.0151 mL	0.0755 mL	0.151 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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