Data Sheet (Cat.No.T17970)

TargetMol

Fmoc-NH-PEG19-CH2CH2COOH

Chemical Properties

CAS No. :

Formula: C56H93NO23

Molecular Weight: 1148.33

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-NH-PEG19-CH2CH2COOH is a Polyethylene Glycol (PEG)-based linker used for synthesizing Proteolysis Targeting Chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands joined by a linker: one for an E3 ubiquitin ligase and the other for the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8708 mL	4.3541 mL	8.7083 mL
5 mM	0.1742 mL	0.8708 mL	1.7417 mL
10 mM	0.0871 mL	0.4354 mL	0.8708 mL
50 mM	0.0174 mL	0.0871 mL	0.1742 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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