Data Sheet (Cat.No.T17672)

TargetMol

Boc-NH-PEG20-CH2CH2COOH

Chemical Properties

CAS No. :

Formula: C48H95NO24

Molecular Weight: 1070.26

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	Boc-NH-PEG20-CH2CH2COOH, a PEG-based PROTAC linker, facilitates the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one targets an E3 ubiquitin ligase, and the other targets the desired protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9344 mL	4.6718 mL	9.3435 mL
5 mM	0.1869 mL	0.9344 mL	1.8687 mL
10 mM	0.0934 mL	0.4672 mL	0.9344 mL
50 mM	0.0187 mL	0.0934 mL	0.1869 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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