

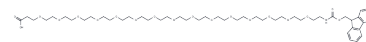
Fmoc-NH-PEG15-CH₂CH₂COOH

Chemical Properties

CAS No. : 2378590-46-4

Formula: C₄₈H₇₇N₃O₁₉

Molecular Weight: 972.12



Keep away from direct sunlight

Storage: 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-PEG15-CH ₂ CH ₂ COOH is a PEG-based PROTAC linker used for PROTAC synthesis [1].
Targets(IC ₅₀)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands connected by a linker: one targets an E3 ubiquitin ligase and the other targets the protein of interest. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0287 mL	5.1434 mL	10.2868 mL
5 mM	0.2057 mL	1.0287 mL	2.0574 mL
10 mM	0.1029 mL	0.5143 mL	1.0287 mL
50 mM	0.0206 mL	0.1029 mL	0.2057 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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