

Fmoc-NH-PEG8-NHS ester

Chemical Properties

CAS No. : 1334170-03-4

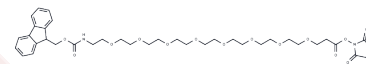
Formula: C₃₈H₅₂N₂O₁₄

Molecular Weight: 760.82

Keep away from direct sunlight

Storage: Pure form: -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-PEG8-NHS ester is a PEG-based PROTAC linker employed in PROTAC synthesis [1].
Targets(IC50)	PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker: one targets an E3 ubiquitin ligase, and the other targets the desired protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs enable the selective degradation of target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3144 mL	6.5719 mL	13.1437 mL
5 mM	0.2629 mL	1.3144 mL	2.6287 mL
10 mM	0.1314 mL	0.6572 mL	1.3144 mL
50 mM	0.0263 mL	0.1314 mL	0.2629 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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