

Fmoc-NMe-PEG4-NHS ester

Chemical Properties

CAS No. : 2228857-30-3

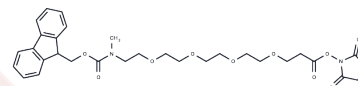
Formula: C₃₁H₃₈N₂O₁₀

Molecular Weight: 598.64

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-NMe-PEG4-NHS ester, a PEG-derived PROTAC linker, is used in the synthesis of PROTACs [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two ligands connected by a linker, with one ligand targeting an E3 ubiquitin ligase and the other targeting a specific protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6705 mL	8.3523 mL	16.7045 mL
5 mM	0.3341 mL	1.6705 mL	3.3409 mL
10 mM	0.167 mL	0.8352 mL	1.6705 mL
50 mM	0.0334 mL	0.167 mL	0.3341 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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