

## Fmoc-PEG24-NHS ester

## Chemical Properties

CAS No. :

Formula: C70H116N2O30

Molecular Weight: 1465.67



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-PEG24-NHS ester is a PEG-based linker for PROTACs, facilitating the joining of two essential ligands required for PROTAC molecule formation, thus enabling selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are compounds consisting of two ligands linked together: one ligand binds to an E3 ubiquitin ligase, and the other targets a specific protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6823 mL	3.4114 mL	6.8228 mL
5 mM	0.1365 mL	0.6823 mL	1.3646 mL
10 mM	0.0682 mL	0.3411 mL	0.6823 mL
50 mM	0.0136 mL	0.0682 mL	0.1365 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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