

Fmoc-aminoxy-PEG12-NHS ester

Chemical Properties

CAS No. :

Formula: C46H68N2O19

Molecular Weight: 953.03



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-aminoxy-PEG12-NHS ester, a polyethylene glycol (PEG) derivative, is commonly used as a PROTAC linker for the synthesis of PROTACs [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two ligands linked by a connector: one ligand binds to an E3 ubiquitin ligase, and the other to the target protein. These molecules leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0493 mL	5.2464 mL	10.4928 mL
5 mM	0.2099 mL	1.0493 mL	2.0986 mL
10 mM	0.1049 mL	0.5246 mL	1.0493 mL
50 mM	0.021 mL	0.1049 mL	0.2099 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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