

NHS-PEG4-(m-PEG4)3-ester

Chemical Properties

CAS No. : 1333154-70-3

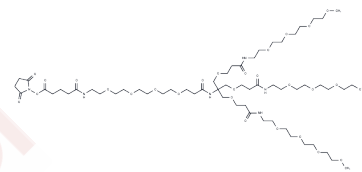
Formula: C60H110N6O28

Molecular Weight: 1363.54

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	NHS-PEG4-(m-PEG4)3-ester is a PEG-based PROTAC linker used for synthesizing PROTACs [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one targets an E3 ubiquitin ligase and the other targets the desired protein. These compounds utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7334 mL	3.6669 mL	7.3339 mL
5 mM	0.1467 mL	0.7334 mL	1.4668 mL
10 mM	0.0733 mL	0.3667 mL	0.7334 mL
50 mM	0.0147 mL	0.0733 mL	0.1467 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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