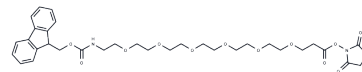


Fmoc-PEG6-NHS ester

Chemical Properties

CAS No. : 1818294-31-3
Formula: C₃₄H₄₄N₂O₁₂
Molecular Weight: 672.72
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Fmoc-PEG6-NHS ester is a PEG-based linker for PROTACs which joins two essential ligands, crucial for forming PROTAC molecules. This linker enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others
In vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4865 mL	7.4325 mL	14.865 mL
5 mM	0.2973 mL	1.4865 mL	2.973 mL
10 mM	0.1487 mL	0.7433 mL	1.4865 mL
50 mM	0.0297 mL	0.1487 mL	0.2973 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.

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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