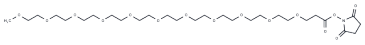
Data Sheet (Cat.No.T18128)

TargetMol

m-PEG11-NHS ester

Chemical Properties



CAS No. :

Formula: C28H51NO15

Molecular Weight: 641.7

Storage: Keep away from direct sunlight
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	m-PEG11-NHS ester, a PEG-based linker for PROTACs, joins two essential ligands crucial for forming PROTAC molecules, thereby enabling selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets the desired protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade specific proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5584 mL	7.7918 mL	15.5836 mL
5 mM	0.3117 mL	1.5584 mL	3.1167 mL
10 mM	0.1558 mL	0.7792 mL	1.5584 mL
50 mM	0.0312 mL	0.1558 mL	0.3117 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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