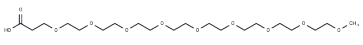
Data Sheet (Cat.No.T18223)

TargetMol

m-PEG9-acid

Chemical Properties



CAS No. :

Formula: C20H40O11

Molecular Weight: 456.53

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-PEG9-acid, a PEG-based linker for PROTACs, integrates two essential ligands vital for PROTAC molecule formation, facilitating selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker: one ligand targets 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	2.1904 mL	10.9522 mL	21.9044 mL
5 mM	0.4381 mL	2.1904 mL	4.3809 mL
10 mM	0.219 mL	1.0952 mL	2.1904 mL
50 mM	0.0438 mL	0.219 mL	0.4381 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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