

Thiol-PEG6-acid

Chemical Properties

CAS No. : 1347750-77-9

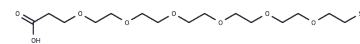
Formula: C15H30O8S

Molecular Weight: 370.46

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	Thiol-PEG6-acid is a PEG-based linker for PROTACs, joining two essential ligands vital for PROTAC molecule formation. This linker facilitates selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together, with one ligand targeting an E3 ubiquitin ligase and the other the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6993 mL	13.4967 mL	26.9935 mL
5 mM	0.5399 mL	2.6993 mL	5.3987 mL
10 mM	0.2699 mL	1.3497 mL	2.6993 mL
50 mM	0.054 mL	0.2699 mL	0.5399 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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