Data Sheet (Cat.No.T18184)

TargetMol

m-PEG3-SH

Chemical Properties

CAS No. : 31521-83-2

Formula: C7H16O3S

Molecular Weight: 180.27

Storage: Keep away from direct sunlight
Pure form: -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-PEG3-SH (M-PEG3-Thiol) is a PEG-based PROTAC linker. m-PEG3-SH can be used in the synthesis of PROTACs.
Targets(IC50)	PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one ligand targets an E3 ubiquitin ligase, while the other targets the desired protein. They harness the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.5472 mL	27.7362 mL	55.4723 mL
5 mM	1.1094 mL	5.5472 mL	11.0945 mL
10 mM	0.5547 mL	2.7736 mL	5.5472 mL
50 mM	0.1109 mL	0.5547 mL	1.1094 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.

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481