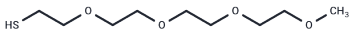
Data Sheet (Cat.No.T18202)

TargetMol
YOUR TARGET MOLECULES

m-PEG4-SH

Chemical Properties



CAS No. : 52190-55-3

Formula: C9H20O4S

Molecular Weight: 224.32

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	m-PEG4-SH is a PEG-based PROTAC linker. m-PEG4-SH can be used in the synthesis of PROTACs.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs contain two different ligands connected by a linker; one of them is a ligand for an E3 ubiquitin ligase and the other one 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	4.4579 mL	22.2896 mL	44.5792 mL
5 mM	0.8916 mL	4.4579 mL	8.9158 mL
10 mM	0.4458 mL	2.229 mL	4.4579 mL
50 mM	0.0892 mL	0.4458 mL	0.8916 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.

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