

m-PEG5-SH

Chemical Properties

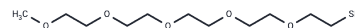
CAS No. : 524030-00-0

Formula: C11H24O5S

Molecular Weight: 268.37

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-PEG5-SH is a PEG-based linker used in PROTACs, joining two critical ligands necessary for forming PROTAC molecules. This linker facilitates selective protein degradation by utilizing the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, incorporating two distinct ligands connected by a linker—one targeting an E3 ubiquitin ligase and the other the target protein—utilize the intracellular ubiquitin-proteasome system for selective protein degradation [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7262 mL	18.631 mL	37.262 mL
5 mM	0.7452 mL	3.7262 mL	7.4524 mL
10 mM	0.3726 mL	1.8631 mL	3.7262 mL
50 mM	0.0745 mL	0.3726 mL	0.7452 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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