

Thiol-C9-PEG4-acid

Chemical Properties

CAS No. : 716339-41-2

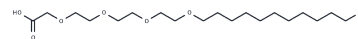
Formula: C19H38O6S

Molecular Weight: 394.57

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-C9-PEG4-acid is a PEG-based linker for PROTACs that facilitates the conjugation of two essential ligands, playing a crucial role in the formation of PROTAC molecules and enabling selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are bifunctional molecules that link a ligand for an E3 ubiquitin ligase to a ligand for a target protein, utilizing the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5344 mL	12.672 mL	25.344 mL
5 mM	0.5069 mL	2.5344 mL	5.0688 mL
10 mM	0.2534 mL	1.2672 mL	2.5344 mL
50 mM	0.0507 mL	0.2534 mL	0.5069 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