Data Sheet (Cat.No.T18655)

TargetMol

S-acetyl-PEG16-alcohol

Chemical Properties

CAS No. :

Formula: C34H68O17S

Molecular Weight: 780.96

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	S-acetyl-PEG16-alcohol, a PEG-based linker for PROTACs, connects two essential ligands necessary for PROTAC molecule formation, facilitating selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one ligand targets an E3 ubiquitin ligase, and the other targets the protein of interest. These compounds leverage the intracellular ubiquitin-proteasome system to specifically degrade the target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2805 mL	6.4024 mL	12.8048 mL
5 mM	0.2561 mL	1.2805 mL	2.561 mL
10 mM	0.128 mL	0.6402 mL	1.2805 mL
50 mM	0.0256 mL	0.128 mL	0.2561 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