

m-PEG16-alcohol

Chemical Properties

CAS No. :	133604-58-7
Formula:	C33H68O17
Molecular Weight:	736.88
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	m-PEG16-alcohol is a PEG-based PROTAC linker used in the synthesis of PROTACs (Proteolysis Targeting Chimeras).
Targets(IC50)	PROTAC Linker
In vitro	PROTACs comprise two distinct ligands joined by a linker: one binds to an E3 ubiquitin ligase and the other to a target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3571 mL	6.7854 mL	13.5707 mL
5 mM	0.2714 mL	1.3571 mL	2.7141 mL
10 mM	0.1357 mL	0.6785 mL	1.3571 mL
50 mM	0.0271 mL	0.1357 mL	0.2714 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

Du JZ, et al. Micelle-to-vesicle morphological transition via light-induced rapid hydrophilic arm detachment from a star polymer. Chem Commun (Camb). 2012 Jan 30;48(9):1257-9.

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