

m-PEG16-alcohol

Chemical Properties

CAS No. :	133604-58-7
Formula:	C33H68O17
Molecular Weight:	736.88
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year

Biological Description

Description	m-PEG16-alcohol is a PEG-based PROTAC linker. m-PEG16-alcohol 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	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.

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.

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