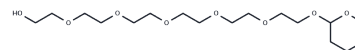


THP-PEG6-OH

Chemical Properties

CAS No. :	42607-87-4
Formula:	C17H34O8
Molecular Weight:	366.45
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	THP-PEG6-OH is a polyethylene glycol (PEG)-based PROTAC linker, utilized in the synthesis of PROTACs[1]. It is also a non-cleavable three-unit PEG linker for antibody-drug conjugates (ADCs)[2].
Targets(IC50)	Others
In vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1]. ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker[2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7289 mL	13.6444 mL	27.2889 mL
5 mM	0.5458 mL	2.7289 mL	5.4578 mL
10 mM	0.2729 mL	1.3644 mL	2.7289 mL
50 mM	0.0546 mL	0.2729 mL	0.5458 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

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

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