
Product Data Sheet

Product Name: THP-PEG6-OH

Cat. No.: GC65842

Chemical Properties

Cas. No. 42607-87-4

Formula $C_{17}H_{34}O_8$ M.Wt 366.45

Solubility Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility, please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ for several months.

Shipping Condition Evaluation sample solution: ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure

Background

THP-PEG6-OH is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs^[1]. THP-PEG6-OH is also a non-cleavable 3 unit PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs)^[2].

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].

Caution: Product has not been fully validated for medical applications. For research use only.

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