

Product Data Sheet

Product Name: THP-PEG6-OH

Cat. No.: GC65842

Chemical Properties

Cas. No. 42607-87-4

Formula C₁₇H₃₄O₈

M.Wt 366.45

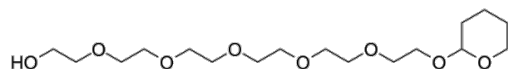
Solubility

Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°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

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

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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].

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