
Product Data Sheet

Product Name: Bis-PEG9-NHS ester

Cat. No.: GC63847

Chemical Properties

Cas. No. 1008402-79-6

Formula C₃₀H₄₈N₂O₁₇

M.Wt 708.71

Solubility DMSO : 100 mg/mL (141.10 mM; Need ultrasonic)

Storage -20°C, protect from light

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

Bis-PEG9-NHS ester is a PEG/Alkyl/ether-based PROTAC linker can be used in the synthesis of PROTACs. Bis-PEG9-NHS ester is a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs)[1].

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. ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker.

[1]. Targeting m2-like tumor-associated macrophages by using melittin-based pro-apoptotic peptide. WO2019212324A1

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

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