
Product Data Sheet

Product Name: Amino-PEG5-C2-acid

Cat. No.: GC65193

Chemical Properties

Cas. No. 1191078-74-6

Formula C₁₃H₂₇N₀₇ M.Wt 309.36

Solubility Storage 4°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

Protocol

Non-cleavable PEGs

Background

Amino-PEG5-C2-acid is a PEG-based PROTAC linker can be used in the synthesis of PROTACs. Amino-PEG5-C2-acid is a non-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]. Gregory L. Verdine, et al. Stabilized polypeptide insulin receptor modulators. WO2014201370A1.

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

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