
Product Data Sheet

Product Name: Amino-PEG2-C2-acid

Cat. No.: GC63660

Chemical Properties

Cas. No. 791028-27-8

Formula C₇H₁₅NO₄ M.Wt 177.2

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**

Amino-PEG2-C2-acid is a cleavable 3 unit PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs). Amino-PEG2-C2-acid is also a PEG-based PROTAC linker that can be used in the synthesis of PROTACs[1].

ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker. 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]. Antibody drug conjugate, intermediate, preparation method, pharmaceutical composition and uses thereof. WO2016197946A1.

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

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