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## Product Data Sheet

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Product Name: NH<sub>2</sub>-PEG6-CH<sub>2</sub>CH<sub>2</sub>COOH

Cat. No.: GC62171

### Chemical Properties

Cas. No. 905954-28-1

Formula C<sub>15</sub>H<sub>31</sub>NO<sub>8</sub> M.Wt 353.41

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

### Background

NH<sub>2</sub>-PEG6-CH<sub>2</sub>CH<sub>2</sub>COOH is a cleavable 6 unit PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs). NH<sub>2</sub>-PEG6-CH<sub>2</sub>CH<sub>2</sub>COOH 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.

[1]. Jaume Pons, et al. Engineered polypeptide conjugates and methods for making thereof using transglutaminase. US20130230543A1.

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

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