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## Product Data Sheet

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Product Name: Propargyl-PEG3-CH<sub>2</sub>COOH

Cat. No.: GC63926

### Chemical Properties

Cas. No. 1694731-93-5

Formula C<sub>11</sub>H<sub>18</sub>O<sub>6</sub>

M.Wt

246.26

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

Propargyl-PEG3-CH<sub>2</sub>COOH is a PEG-based PROTAC linker can be used in the synthesis of PROTACs[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.

[1]. Wurz RP, et al. A "Click Chemistry Platform" for the Rapid Synthesis of Bispecific Molecules for Inducing Protein Degradation. J Med Chem. 2018 Jan 25;61(2):453-461.

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

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