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## Product Data Sheet

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Product Name: Propargyl-PEG8-OH

Cat. No.: GC67131

### Chemical Properties

Cas. No. 1351556-81-4

Formula  $C_{19}H_{36}O_9$  M.Wt 408.48

Solubility Storage Store at  $-20^{\circ}C$

General tips For obtaining a higher solubility, please warm the tube at  $37^{\circ}C$  and shake it in the ultrasonic bath for a while. Stock solution can be stored below  $-20^{\circ}C$  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-PEG8-OH is a PEG-based **PROTAC linker** can be used in the synthesis of PROTACs<sup>[1]</sup>.

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]. Goswami LN, et al. Efficient synthesis of diverse heterobifunctionalized clickable oligo(ethylene glycol) linkers: potential applications in bioconjugation and targeted drug delivery. Org Biomol Chem. 2013 Feb 21;11(7):1116-26.

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

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