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## Product Data Sheet

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Product Name: Biotin-PEG-azide (MW 5000)

Cat. No.: GC66739

### Chemical Properties

Cas. No. 956494-20-5

Formula M.Wt 5000.00(Average)

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

Biotin-PEG-azide (MW 5000) is a PEG-based **PROTAC linker** can be used in the synthesis of PROTAC<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<sup>[1]</sup>.

PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins<sup>[1]</sup>.

[1]. An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562.

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

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