

---

## Product Data Sheet

---

Product Name: DBCO-NHCO-PEG4-NH-Boc

Cat. No.: GC66312

### Chemical Properties

Cas. No. 1255942-12-1

Formula  $C_{34}H_{45}N_3O_8$  M.Wt 623.74

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

DBCO-NHCO-PEG4-NH-Boc is a PEG/Alkyl/ether-based **PROTAC linker** can be used in the synthesis of PROTACs. DBCO-NHCO-PEG4-NH-Boc is a cleavable **ADC linker** used in the synthesis of antibody-drug conjugates (ADCs)<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.

ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA