
Product Data Sheet

Product Name: Propargyl-PEG4-Br

Cat. No.: GC62245

Chemical Properties

Cas. No. 1308299-09-3

Formula $C_{11}H_{19}BrO_4$ M.Wt 295.17

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-PEG4-Br is a PEG-based PROTAC linker can be used in the synthesis of PROTACs. Propargyl-PEG4-Br is a non-cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs)[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. ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker.

[1]. Suzanne AKERS-RODRIGUEZ, et al. Compositions and methods for the treatment of bacterial infections. WO2019126353A2.

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
