

Product Data Sheet

Product Name: Bromo-PEG2-C2-azide

Cat. No.: GC63609

Chemical Properties

Cas. No. 530151-56-5

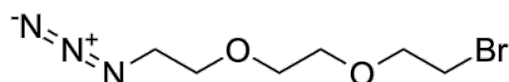
Formula $C_6H_{12}BrN_3O_2$ M.Wt 238.08

Solubility DMSO : 100 mg/mL (420.03 mM; Storage Store at -20°C, stored under nitrogen
Need ultrasonic)

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

Bromo-PEG2-C2-azide is a non-cleavable ADC linker used in the synthesis of antibody-drug

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

Product Data Sheet

conjugates (ADCs). Bromo-PEG2-C2-azide is also a PEG-based PROTAC linker that can be used in the synthesis of PROTACs[1].

ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker. 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]. Yong Zu Kim, et al. Antibody-drug conjugates comprising branched linkers and methods related thereto. WO2017089895A1.

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