
Product Data Sheet

Product Name: Propargyl-PEG9-bromide

Cat. No.: GC67320

Chemical Properties

Cas. No. 2055042-83-4

Formula $C_{21}H_{39}BrO_9$ M.Wt 515.43

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-PEG9-bromide is a PEG-based **PROTAC linker** can be used in the synthesis of PROTACs. Propargyl-PEG9-bromide 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.

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