
Product Data Sheet

Product Name: N3-PEG3-CH2CH2-Boc

Cat. No.: GC65822

Chemical Properties

Cas. No. 252881-73-5

Formula C₁₃H₂₅N₃O₅ M.Wt 303.35

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

N3-PEG3-CH2CH2-Boc is a cleavable 3 unit PEG **ADC linker** used in the synthesis of antibody-drug conjugates (ADCs)^[1]. N3-PEG3-CH2CH2-Boc is also a PEG- and Alkyl/ether-based **PROTAC linker** that can be used in the synthesis of PROTACs^[2].

ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker^[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^[2].

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