
Product Data Sheet

Product Name: m-PEG4-Boc

Cat. No.: GC65798

Chemical Properties

Cas. No. 883554-11-8

Formula $C_{14}H_{28}O_6$ M.Wt 292.37

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

m-PEG4-Boc is a cleavable 4 unit PEG **ADC linker** used in the synthesis of antibody-drug conjugates (ADCs)^[1]. m-PEG4-Boc is also a PEG-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.

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