

Product Data Sheet

Product Name: Bis-PEG13-NHS ester

Cat. No.: GC67449

Chemical Properties

Cas. No. 2221949-00-2

Formula $C_{38}H_{64}N_2O_{21}$

M.Wt 884.92

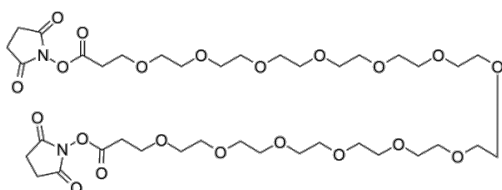
Solubility

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

Bis-PEG13-NHS ester is a PEG/Alkyl/ether-based **PROTAC linker** can be used in the synthesis of PROTACs. Bis-PEG13-NHS ester is a 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.

Caution: Product has not been fully validated for medical applications. For research use only.

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[1]. John L. Magnani, et al. Highly potent multimeric e-selectin antagonists. WO2018068010A1

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