
Product Data Sheet

Product Name: Bis-PEG7-acid

Cat. No.: GC67118

Chemical Properties

Cas. No. 94376-75-7

Formula C₁₈H₃₄O₁₁

M.Wt

426.46

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-PEG7-acid is a PEG-based **PROTAC linker** can be used in the synthesis of PROTACs. Bis-PEG6-propionic acid 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.

[1]. Marc Stefan ROBILLARD, et al. Tetrazines for high click conjugation yield in vivo and high click release yield. WO2019212356A1

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