
Product Data Sheet

Product Name: m-PEG5-succinimidyl carbonate

Cat. No.: GC67138

Chemical Properties

Cas. No. 1058691-00-1

Formula $C_{16}H_{27}NO_{10}$ M.Wt 393.39

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

m-PEG5-succinimidyl carbonate is a non-cleavable 5 unit PEG **ADC** linker used in the synthesis of antibody-drug conjugates (ADCs). m-PEG5-succinimidyl carbonate is a PEG/Alkyl/ether-based PROTAC linker can be used in the synthesis of PROTACs.

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^[1].

[1]. An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562.

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