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## Product Data Sheet

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Product Name: m-PEG9-NHS ester

Cat. No.: GC67163

### Chemical Properties

Cas. No. 1316189-13-5

Formula  $C_{24}H_{43}NO_{13}$  M.Wt 553.6

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-PEG9-NHS ester is a PEG-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]. Alexander Chucholowski, et al. Cyclodextrin conjugates. WO2010017328A2.

[2]. Satwik Kamtekar, et al. Modified biotin-binding proteins for immobilization. WO2019126734A1.

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

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