
Product Data Sheet

Product Name: Bis-PEG5-NHS ester

Cat. No.: GC65652

Chemical Properties

Cas. No. 756526-03-1

Formula $C_{22}H_{32}N_2O_{13}$ M.Wt 532.5

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-PEG5-NHS ester is a PEG/Alkyl/ether-based **PROTAC linker** can be used in the synthesis of PROTACs. Bis-PEG5-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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