
Product Data Sheet

Product Name: N-(Amino-PEG4)-N-Biotin-PEG4-acid

Cat. No.: GC66805

Chemical Properties

Cas. No. 2100306-84-9

Formula $C_{31}H_{58}N_4O_{12}S$

M.Wt

710.88

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**

N-(Amino-PEG4)-N-Biotin-PEG4-acid is a biotin-labeled, PEG-based PROTAC linker that can be used in the synthesis of PROTACs^[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^[1].

[1]. Gadd MS, et al. Structural basis of PROTAC cooperative recognition for selective protein degradation. Nat Chem Biol. 2017 May;13(5):514-521.

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

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