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**Product Data Sheet**

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Product Name: N-(Biotin-PEG4)-N-bis(PEG4-Boc)

Cat. No.: GC66972

**Chemical Properties**

Cas. No. 2112730-79-5

Formula C<sub>50</sub>H<sub>94</sub>N<sub>4</sub>O<sub>18</sub>S

M.Wt

1071.36

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-(Biotin-PEG4)-N-bis(PEG4-Boc) is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs<sup>[1]</sup>.

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<sup>[1]</sup>.

[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.**

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