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**Product Data Sheet**

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Product Name: TCO-PEG3-amine

Cat. No.: GC67493

**Chemical Properties**

Cas. No. 1800507-93-0

Formula  $C_{17}H_{32}N_2O_5$  M.Wt 344.45

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**

TCO-PEG3-amine is a PEG-based **PROTAC linker** 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.

[1]. Wang Y, et al. Degradation of proteins by PROTACs and other strategies. Acta Pharm Sin B. 2020 Feb;10(2):207-238.

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

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