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**Product Data Sheet**

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Product Name: Tos-PEG2-CH<sub>2</sub>COOH

Cat. No.: GC67158

**Chemical Properties**

Cas. No. 1807537-35-4

Formula C<sub>13</sub>H<sub>18</sub>O<sub>7</sub>S M.Wt 318.34

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**

Tos-PEG2-CH<sub>2</sub>COOH 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]. Snaebjornsson MT, et al. Non-canonical functions of enzymes facilitate cross-talk between cell metabolic and regulatory pathways. *Exp Mol Med.* 2018 Apr 16;50(4):34.

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

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