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## Product Data Sheet

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Product Name: Fmoc-PEG1-CH<sub>2</sub>CH<sub>2</sub>-NHS ester

Cat. No.: GC67106

### Chemical Properties

Cas. No. 1807521-05-6

Formula C<sub>24</sub>H<sub>24</sub>N<sub>2</sub>O<sub>7</sub> M.Wt 452.46

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

Fmoc-PEG1-CH<sub>2</sub>CH<sub>2</sub>-NHS ester 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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