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**Product Data Sheet**

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Product Name: m-PEG12-OH

Cat. No.: GC66229

**Chemical Properties**

Cas. No. 2050595-03-2

Formula C<sub>25</sub>H<sub>52</sub>O<sub>13</sub>

M.Wt

560.67

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**

m-PEG12-OH is a PEG-based **PROTAC linker** that can be used in the synthesis of PROTACs<sup>[1]</sup>. m-PEG12-OH is also a non-cleavable 12 unit PEG **ADC linker** used in the synthesis of antibody-drug conjugates (ADCs)<sup>[2]</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>.

ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker<sup>[2]</sup>.

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

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