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**Product Data Sheet**

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Product Name: m-PEG5-NHS ester

Cat. No.: GC61086

**Chemical Properties**

Cas. No. 874208-94-3

SMILES COCCOCCOCCOCCOCCC(ON1C(CCC1=O)=O)=O

Formula C<sub>16</sub>H<sub>27</sub>NO<sub>9</sub> M.Wt 377.39

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-PEG5-NHS ester is a PEG-based PROTAC linker can be used in the synthesis of PROTACs.

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]. Lepage ML, et al. Design, synthesis and photochemical properties of the first examples of iminosugar clustersbased on fluorescent cores. Beilstein J Org Chem. 2015 May 6;11:659-67.

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

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