
Product Data Sheet

Product Name: m-PEG5-2-methylacrylate

Cat. No.: GC67448

Chemical Properties

Cas. No. 48074-75-5

Formula $C_{15}H_{28}O_7$ M.Wt 320.38

Solubility Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility, please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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-PEG5-2-methylacrylate is a PEG- and Alkyl/ester-based **PROTAC linker** can be used in the synthesis of PROTACs^[1].

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].

[1]. Yong Ku Kwon, et al. Reduced excimer formation in polyfluorenes by introducing coil-like poly[penta(ethylene glycol) methyl ether methacrylate] block segments. *Macromolecules*, 2009, 42(3), 887-891.

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

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