
Product Data Sheet

Product Name: Propargyl-PEG3-phosphonic acid diethyl ester

Cat. No.: GC67239

Chemical Properties

Cas. No. 1052678-30-4

Formula $C_{13}H_{25}O_6P$ M.Wt 308.31

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

Propargyl-PEG3-phosphonic acid diethyl ester is a PEG-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]. Thorsten Heidelberg, et al. Oligo-ethylene glycol based phosphonate surface modification reagents and use thereof. WO2015065168A1

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

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