
Product Data Sheet

Product Name: Carboxy-PEG4-phosphonic acid

Cat. No.: GC65646

Chemical Properties

Cas. No. 1623791-69-4

Formula $C_{11}H_{23}O_9P$

M.Wt

330.27

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

Carboxy-PEG4-phosphonic acid is a PEG-based PROTAC linker that 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].

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

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