
Product Data Sheet

Product Name: Boc-C1-PEG3-C4-OH

Cat. No.: GC39351

Chemical Properties

Cas. No. 2376724-97-7

SMILES O=C(OC(C)(C)C)COCCOCCOCCCCCOFormula $C_{16}H_{32}O_6$ M.Wt 320.42

Solubility Soluble in DMSO 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**

Boc-C1-PEG3-C4-OH is a PROTAC linker, which refers to the Alkyl/ether composition. Boc-C1-PEG3-C4-OH can be used in the synthesis of a series 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].

[1]. Tovell H, et al. Design and Characterization of SGK3-PROTAC1, an Isoform Specific SGK3 Kinase PROTAC Degradation. ACS Chem Biol. 2019 Sep 20;14(9):2024-2034.

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

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