
Product Data Sheet

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

Cat. No.: GC39350

Chemical Properties

Cas. No. 2381196-81-0

SMILES O=C(OC(C)(C)C)COCCOCCOCCCCCOCC1=CC=CC=C1

Formula $C_{23}H_{38}O_6$ M.Wt 410.54

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-OBn (PROTAC Linker 15) is a PROTAC linker, which refers to the PEG composition. Boc-C1-PEG3-C4-OBn can be used in the synthesis of a series of PROTACs, such as PROTAC SGK3 degrader-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]. Tovell H, et al. Design and Characterization of SGK3-PROTAC1, an Isoform Specific SGK3 Kinase PROTAC Degrader. ACS Chem Biol. 2019 Sep 20;14(9):2024-2034.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA