

C-NH-Boc-C-Bis-(C-PEG1-Boc)

Chemical Properties

CAS No. : 1807503-91-8

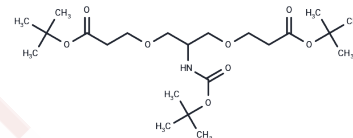
Formula: C22H41NO8

Molecular Weight: 447.56

Keep away from direct sunlight

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	C-NH-Boc-C-Bis-(C-PEG1-Boc) is a versatile alkyl/ether-based PROTAC linker used for synthesizing PROTACs [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, comprising two ligands connected by a linker—one binding to an E3 ubiquitin ligase and the other to the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2343 mL	11.1717 mL	22.3434 mL
5 mM	0.4469 mL	2.2343 mL	4.4687 mL
10 mM	0.2234 mL	1.1172 mL	2.2343 mL
50 mM	0.0447 mL	0.2234 mL	0.4469 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481