Data Sheet (Cat.No.T14731)



Boc-N-PEG1-C2-NHS ester

Chemical Propert	ies
CAS No. :	1260092-55-4
Formula:	C14H22N2O7
Molecular Weight:	
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year

Biological DescriptionBoc-N-PEG1-C2-NHS ester, a PEG-based linker, finds utility in PROTAC synthesis[1].Targets(IC50)OthersIn vitroPROTACs 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].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0273 mL	15.1364 mL	30.2728 mL
5 mM	0.6055 mL	3.0273 mL	6.0546 mL
10 mM	0.3027 mL	1.5136 mL	3.0273 mL
50 mM	0.0605 mL	0.3027 mL	0.6055 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.

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

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