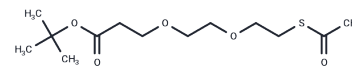


S-acetyl-PEG2-Boc

Chemical Properties

CAS No. :	1820641-93-7
Formula:	C ₁₃ H ₂₄ O ₅ S
Molecular Weight:	292.39
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	S-acetyl-PEG2-Boc (S-Acetyl-PEG2-T-Butyl Ester) is a PEG-based PROTAC linker. S-acetyl-PEG2-Boc can be used in the synthesis of PROTACs.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs contain two different ligands connected by a linker; one of them is a ligand for an E3 ubiquitin ligase and the other one 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	3.4201 mL	17.1004 mL	34.2009 mL
5 mM	0.684 mL	3.4201 mL	6.8402 mL
10 mM	0.342 mL	1.710 mL	3.4201 mL
50 mM	0.0684 mL	0.342 mL	0.684 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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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