

S-acetyl-PEG2-Boc

Chemical Properties

CAS No. : 1820641-93-7

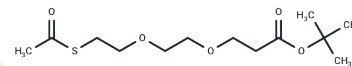
Formula: C₁₃H₂₄O₅S

Molecular Weight: 292.39

Keep away from direct sunlight

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

Actual storage temperature shall be subject to the COA.



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)	PROTAC Linker
In vitro	PROTACs consist of two ligands connected by a linker; one binds to an E3 ubiquitin ligase, while the other targets the specific protein. These compounds utilize 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.

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

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