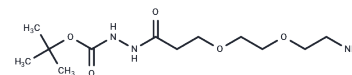


Amino-PEG2-C2-hydrazide-Boc

Chemical Properties

CAS No. : 2100306-60-1
Formula: C₁₂H₂₅N₃O₅
Molecular Weight: 291.34
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Amino-PEG2-C2-hydrazide-Boc is a polyethylene glycol (PEG)-based linker utilized for the synthesis of proteolysis targeting chimeras (PROTACs)[1].
Targets(IC50)	Others
In vitro	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].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4324 mL	17.1621 mL	34.3242 mL
5 mM	0.6865 mL	3.4324 mL	6.8648 mL
10 mM	0.3432 mL	1.7162 mL	3.4324 mL
50 mM	0.0686 mL	0.3432 mL	0.6865 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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