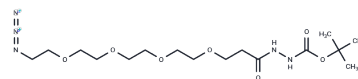


Azido-PEG4-hydrazide-Boc

Chemical Properties

CAS No. :	1919045-01-4
Formula:	C16H31N5O7
Molecular Weight:	405.45
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Azido-PEG4-hydrazide-Boc is a polyethylene glycol (PEG)-based bifunctional linker compound used in 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	2.4664 mL	12.332 mL	24.664 mL
5 mM	0.4933 mL	2.4664 mL	4.9328 mL
10 mM	0.2466 mL	1.2332 mL	2.4664 mL
50 mM	0.0493 mL	0.2466 mL	0.4933 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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