Data Sheet (Cat.No.T16258)



N3-PEG3-CH2CH2COOH

Chemical Propert	ies and a second se
CAS No. :	1056024-94-2
Formula:	C9H17N3O5
Molecular Weight:	
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year

Biological Description

Description	N3-PEG3-CH2CH2COOH, a PEG-based PROTAC linker, is utilized in the synthesis of BI- 3663, BI-4216, and BI-0319. Additionally, Azido-PEG3-acid, a non-cleavable 3-unit PEG ADC linker, is employed in the synthesis of antibody-drug conjugates (ADCs).		
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. ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker.		

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0445 mL	20.2224 mL	40.4449 mL
5 mM	0.8089 mL	4.0445 mL	8.089 mL
10 mM	0.4044 mL	2.0222 mL	4.0445 mL
50 mM	0.0809 mL	0.4044 mL	0.8089 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

Popow J, et al. Highly Selective PTK2 Proteolysis Targeting Chimeras to Probe Focal Adhesion Kinase Scaffolding Functions. J Med Chem. 2019 Mar 14;62(5):2508-2520.

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