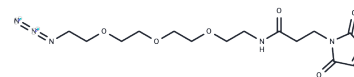


Azido-PEG3-maleimide

Chemical Properties

CAS No. :	1858264-36-4
Formula:	C15H23N5O6
Molecular Weight:	369.37
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Azido-PEG3-maleimide is a PEG-based PROTAC linker primarily used for the synthesis of PROTACs[1]. Additionally, it serves as a cleavable 3-unit PEG ADC linker employed in the synthesis of antibody-drug conjugates (ADCs)[2].
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]. ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker[2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7073 mL	13.5366 mL	27.0731 mL
5 mM	0.5415 mL	2.7073 mL	5.4146 mL
10 mM	0.2707 mL	1.3537 mL	2.7073 mL
50 mM	0.0541 mL	0.2707 mL	0.5415 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

Deshmukh AA, et al. Detection of Protease Activity by Fluorescent Peptide Zymography. J Vis Exp. 2019 Jan 20; (143).

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