

N3-PEG3-C2-NHS ester

Chemical Properties

CAS No. : 1245718-89-1

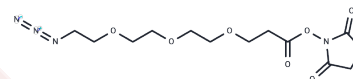
Formula: C₁₃H₂₀N₄O₇

Molecular Weight: 344.32

Store at low temperature

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	N3-PEG3-C2-NHS ester (Azido-PEG3-NHS ester) is an indestructible ADC linker containing 3 PEG units, used to synthesize ADC compounds.
Targets(IC50)	ADC Linker

Solubility Information

Solubility	DMSO: 80 mg/mL (232.34 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9043 mL	14.5214 mL	29.0428 mL
5 mM	0.5809 mL	2.9043 mL	5.8086 mL
10 mM	0.2904 mL	1.4521 mL	2.9043 mL
50 mM	0.0581 mL	0.2904 mL	0.5809 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

Dudchak R, et al. Click chemistry in the synthesis of antibody-drug conjugates. Bioorg Chem. 2024 Feb;143: 106982.

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