

## Azido-PEG5-acid

## Chemical Properties

CAS No. : 1425973-16-5

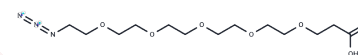
Formula: C13H25N3O7

Molecular Weight: 335.35

Keep away from direct sunlight

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Azido-PEG5-acid is a non-cleavable 5 unit PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs), such as the conjugate CPT-APO (CPT: Camptothecin).
Targets(IC50)	ADC Linker,PROTAC Linker
In vitro	Antibody-drug conjugates (ADCs) consist of an antibody linked to a cytotoxin via an ADC linker.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.982 mL	14.9098 mL	29.8196 mL
5 mM	0.5964 mL	2.982 mL	5.9639 mL
10 mM	0.2982 mL	1.491 mL	2.982 mL
50 mM	0.0596 mL	0.2982 mL	0.5964 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

Zolotarskaya OY, et al. Click synthesis of a polyamidoamine dendrimer-based camptothecin prodrug. RSC Adv. 2015;5(72):58600-58608. Epub 2015 Jun 29.

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