

## m-PEG6-azide

## Chemical Properties

CAS No. : 1043884-49-6

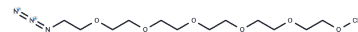
Formula: C13H27N3O6

Molecular Weight: 321.37

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	m-PEG6-azide is a six-unit polyethylene glycol linker functionalized with an azide moiety, serving as a non-cleavable linker for the synthesis of antibody-drug conjugates (ADCs).
Targets(IC50)	ADC Linker,PROTAC Linker
In vitro	ADCs consist of an antibody conjugated to a cytotoxic agent via an ADC linker.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1117 mL	15.5584 mL	31.1168 mL
5 mM	0.6223 mL	3.1117 mL	6.2234 mL
10 mM	0.3112 mL	1.5558 mL	3.1117 mL
50 mM	0.0622 mL	0.3112 mL	0.6223 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

Gauzy, Laurence, et al. Cytotoxic agents comprising new tomaymycin derivatives and their therapeutic use. Patent WO2007085930A1.

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