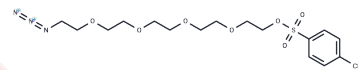


## Azide-PEG5-Tos

## Chemical Properties

CAS No. :	236754-49-7
Formula:	C17H27N3O7S
Molecular Weight:	417.48
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Azide-PEG5-Tos is a cleavable PEG linker composed of five units, used for synthesizing antibody-drug conjugates (ADCs)[1].
Targets(IC50)	ADC Linker,PROTAC Linker
In vitro	ADCs consist of an antibody linked to an ADC cytotoxin via an ADC linker[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3953 mL	11.9766 mL	23.9532 mL
5 mM	0.4791 mL	2.3953 mL	4.7906 mL
10 mM	0.2395 mL	1.1977 mL	2.3953 mL
50 mM	0.0479 mL	0.2395 mL	0.4791 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

Beck A, et al. Strategies and challenges for the next generation of antibody-drug conjugates. Nat Rev Drug Discov. 2017 May;16(5):315-337.

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