

## Biotin-PEG4-Dde-TAMRA-PEG3-Azide

## Chemical Properties

CAS No. :	2353409-56-8
Formula:	C69H97N12O17S
Molecular Weight:	1398.66
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	Biotin-PEG4-Dde-TAMRA-PEG3-Azide is a seven-unit polyethylene glycol (PEG) linker used in the synthetic production of antibody-drug conjugates (ADCs) and is cleavable[1].
Targets(IC50)	Others,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	0.715 mL	3.5749 mL	7.1497 mL
5 mM	0.143 mL	0.715 mL	1.4299 mL
10 mM	0.0715 mL	0.3575 mL	0.715 mL
50 mM	0.0143 mL	0.0715 mL	0.143 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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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481