

Propargyl-PEG5-acid

Chemical Properties

CAS No. : 1245823-51-1

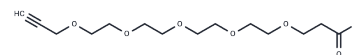
Formula: C₁₄H₂₄O₇

Molecular Weight: 304.34

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	Propargyl-PEG5-acid is a non-cleavable 5-unit PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs) and can be employed to create ADC inhibitors of Galectin-3 [1].
Targets(IC50)	ADC Linker,PROTAC Linker
In vitro	ADCs consist of an antibody conjugated to an ADC cytotoxin via an ADC linker.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2858 mL	16.429 mL	32.858 mL
5 mM	0.6572 mL	3.2858 mL	6.5716 mL
10 mM	0.3286 mL	1.6429 mL	3.2858 mL
50 mM	0.0657 mL	0.3286 mL	0.6572 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

Zhang H, et al. Thiodigalactoside-Bovine Serum Albumin Conjugates as High-Potency Inhibitors of Galectin-3: An Outstanding Example of Multivalent Presentation of Small Molecule Inhibitors. *Bioconjug Chem.* 2018 Apr 18;29(4): 1266-1275.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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