

Biotin-PEG2-acid

Chemical Properties

CAS No. : 1365655-89-5

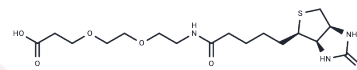
Formula: C17H29N3O6S

Molecular Weight: 403.49

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	Biotin-PEG2-acid, a non-cleavable 2-unit PEG ADC linker, is utilized in the synthesis of antibody-drug conjugates (ADCs)[1].
Targets(IC50)	ADC Linker,PROTAC Linker
In vitro	Biotin-PEG2-acid is used to cap the N-terminus of the peptide while the peptide was still attached to the resin[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4784 mL	12.3919 mL	24.7838 mL
5 mM	0.4957 mL	2.4784 mL	4.9568 mL
10 mM	0.2478 mL	1.2392 mL	2.4784 mL
50 mM	0.0496 mL	0.2478 mL	0.4957 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

Merg AD, et al. Seeded Heteroepitaxial Growth of Crystallizable Collagen Triple Helices: Engineering Multifunctional Two-Dimensional Core-Shell Nanostructures. J Am Chem Soc. 2019 Dec 26;141(51):20107-20117.

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