

Ald-Ph-PEG4-bis-PEG3-methyltetrazine

Chemical Properties

CAS No. :

Formula: C66H94N14O19

Molecular Weight: 1387.53

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	Ald-Ph-PEG4-bis-PEG3-methyltetrazine serves as a cleavable 7-unit PEG linker in the production of antibody-drug conjugates (ADCs) [1]. This compound, utilized as a click chemistry reagent, incorporates a Tetrazine group capable of engaging in an inverse electron demand Diels-Alder reaction (IEDDA) with TCO group-bearing molecules.
Targets(IC50)	ADC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7207 mL	3.6035 mL	7.2071 mL
5 mM	0.1441 mL	0.7207 mL	1.4414 mL
10 mM	0.0721 mL	0.3604 mL	0.7207 mL
50 mM	0.0144 mL	0.0721 mL	0.1441 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.

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