

DBCO-PEG24-acid

Chemical Properties

CAS No. :	2765066-36-0
Formula:	C70H116N2O28
Molecular Weight:	1433.67
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	DBCO-PEG24-acid is a click chemistry reagent that serves as an analog of DBCO-acid featuring a PEG linker and a DBCO group. The DBCO group is typically utilized in copper-free click chemistry reactions due to its strain-promoted high energy. The hydrophilic polyethylene glycol (PEG) chain enhances water solubility. The terminal carboxylic acid group reacts with primary amine groups in the presence of activators (such as EDC or HATU), forming stable amide bonds. This compound is of reagent grade and strictly for research purposes.
Targets(IC50)	ADC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6975 mL	3.4876 mL	6.9751 mL
5 mM	0.1395 mL	0.6975 mL	1.395 mL
10 mM	0.0698 mL	0.3488 mL	0.6975 mL
50 mM	0.014 mL	0.0698 mL	0.1395 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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