

DM1-PEG4-DBCO

Chemical Properties

CAS No. :

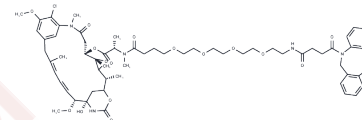
Formula: C₆₃H₈₀ClN₅O₁₆

Molecular Weight: 1198.79

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	DM1-(PEG)4-DBCO is a drug-linker conjugate that combines the potent microtubulin inhibitor mertansine (DM1) with the DBCO-PEG4-Ahx linker for developing antibody-drug conjugates (ADCs). This conjugation aims to mitigate systemic toxicity associated with maytansine while improving tumor-specific delivery, leveraging DM1's ability as an antibody-conjugatable maytansinoid.
Targets(IC50)	Drug-Linker Conjugates for ADC,PROTAC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8342 mL	4.1709 mL	8.3417 mL
5 mM	0.1668 mL	0.8342 mL	1.6683 mL
10 mM	0.0834 mL	0.4171 mL	0.8342 mL
50 mM	0.0167 mL	0.0834 mL	0.1668 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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