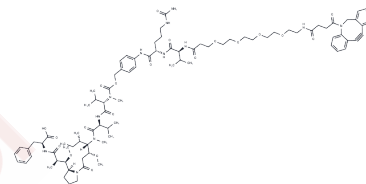


DBCO-PEG4-Val-Cit-PAB-MMAF

Chemical Properties

CAS No. :	2244602-23-9
Formula:	C ₈₈ H ₁₂₆ N ₁₂ O ₂₀
Molecular Weight:	1672.04
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-PEG4-Val-Cit-PAB-MMAF is a chemical compound consisting of a cleavable 4 unit polyethylene glycol antibody-drug conjugate (ADC) linker (DBCO-PEG4-Val-Cit-PAB) and a potent inhibitor of tubulin polymerization (MMAF). This compound is an essential component in the synthesis of ADCs.
Targets(IC50)	Drug-Linker Conjugates for ADC
In vitro	ADCs consist of an antibody linked to an ADC cytotoxin via an ADC linker[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5981 mL	2.9904 mL	5.9807 mL
5 mM	0.1196 mL	0.5981 mL	1.1961 mL
10 mM	0.0598 mL	0.299 mL	0.5981 mL
50 mM	0.012 mL	0.0598 mL	0.1196 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

Beck A, et al. Strategies and challenges for the next generation of antibody-drug conjugates. Nat Rev Drug Discov. 2017 May;16(5):315-337.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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