

DBCO-Val-Cit-PABC-OH

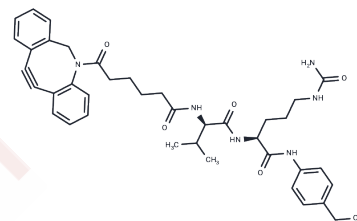
Chemical Properties

CAS No. :

Formula: C39H46N6O6

Molecular Weight: 694.82

Storage: Keep away from direct sunlight
 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-Val-Cit-PABC-OH, a cleavable linker, is used in the synthesis of antibody-drug conjugates (ADCs) [1].
Targets(IC50)	ADC Linker, PROTAC Linker
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	1.4392 mL	7.1961 mL	14.3922 mL
5 mM	0.2878 mL	1.4392 mL	2.8784 mL
10 mM	0.1439 mL	0.7196 mL	1.4392 mL
50 mM	0.0288 mL	0.1439 mL	0.2878 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.

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