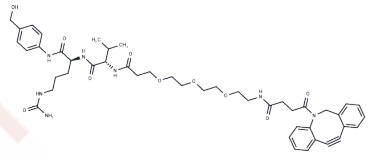
Data Sheet (Cat.No.T87882)

TargetMol

DBCO-PEG4-Propionic-Val-Cit-PAB

Chemical Properties



CAS No. :

Formula: C46H59N7O10

Molecular Weight: 870.02

Storage: Store at low temperature
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-Propionic-Val-Cit-PAB is a cleavable ADC linker featuring a DBCO group and a Val-Cit-PAB cleavage site. It is used for synthesizing antibody-drug conjugates via click chemistry.
Targets(IC50)	ADC Linker
In vitro	DBCO-PEG4-Propionic-Val-Cit-PAB uses DBCO for conjugation and releases payload specifically upon lysosomal internalization [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1494 mL	5.747 mL	11.494 mL
5 mM	0.2299 mL	1.1494 mL	2.2988 mL
10 mM	0.1149 mL	0.5747 mL	1.1494 mL
50 mM	0.023 mL	0.1149 mL	0.2299 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

Kim DH, et al. Heme oxygenase-mediated increases in adiponectin decrease fat content and inflammatory cytokines tumor necrosis factor-alpha and interleukin-6 in Zucker rats and reduce adipogenesis in human mesenchymal stem cells. J Pharmacol Exp Ther. 2008;325(3):833-840.

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