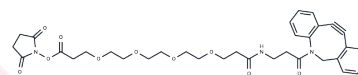


DBCO-NHCO-PEG4-NHS ester

Chemical Properties

CAS No. :	2100306-58-7
Formula:	C34H39N3O10
Molecular Weight:	649.69
Storage:	High Volatility Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	DBCO-NHCO-PEG4-NHS ester ester is a MMP-2- and cathepsin B- (CatB) cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs)[1].
Targets(IC50)	ADC Linker,PROTAC Linker
In vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5392 mL	7.696 mL	15.392 mL
5 mM	0.3078 mL	1.5392 mL	3.0784 mL
10 mM	0.1539 mL	0.7696 mL	1.5392 mL
50 mM	0.0308 mL	0.1539 mL	0.3078 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

Thornlow DN, et al. Dual Site-Specific Antibody Conjugates for Sequential and Orthogonal Cargo Release. *Bioconjug Chem.* 2019 Jun 19;30(6):1702-1710.

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