

DBCO-PEG3-NHS ester

Chemical Properties

CAS No. : 2163772-16-3

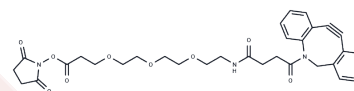
Formula: C₃₂H₃₅N₃O₉

Molecular Weight: 605.64

Store at low temperature

Storage: Pure form: -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-PEG3-NHS ester is a degradable ADC linker that can be used to synthesize antibody-coupled active molecules.
Targets(IC50)	ADC Linker, PROTAC Linker
In vitro	Comprised of an antibody, an ADC cytotoxin is attached through an ADC linker[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6511 mL	8.2557 mL	16.5115 mL
5 mM	0.3302 mL	1.6511 mL	3.3023 mL
10 mM	0.1651 mL	0.8256 mL	1.6511 mL
50 mM	0.033 mL	0.1651 mL	0.3302 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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