

DBCO-NHCO-PEG4-NH-Boc

Chemical Properties

CAS No. : 1255942-12-1

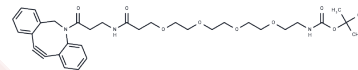
Formula: C₃₄H₄₅N₃O₈

Molecular Weight: 623.74

Keep away from direct sunlight

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-NHCO-PEG4-NH-Boc is a cleavable ADC linker employed 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	1.6032 mL	8.0162 mL	16.0323 mL
5 mM	0.3206 mL	1.6032 mL	3.2065 mL
10 mM	0.1603 mL	0.8016 mL	1.6032 mL
50 mM	0.0321 mL	0.1603 mL	0.3206 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

Kuzmin A, et al. Surface functionalization using catalyst-free azide-alkyne cycloaddition.

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