

DBCO-PEG3-oxyamine-Boc hydrochloride

Chemical Properties

CAS No. :

Formula: C₃₄H₄₅ClN₄O₉

Molecular Weight: 689.2

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-PEG3-oxyamine-Boc hydrochloride functions as an ADC linker [1] and a click chemistry reagent. This compound features a DBCO group that enables strain-promoted alkyne-azide cycloaddition (SPAAC) with Azide-containing molecules, facilitating effective and selective conjugation in biochemical applications.
Targets(IC50)	ADC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.451 mL	7.2548 mL	14.5096 mL
5 mM	0.2902 mL	1.451 mL	2.9019 mL
10 mM	0.1451 mL	0.7255 mL	1.451 mL
50 mM	0.029 mL	0.1451 mL	0.2902 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.

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