

TCO-PEG4-DBCO

Chemical Properties

CAS No. : 1801863-88-6

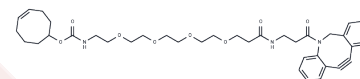
Formula: C₃₈H₄₉N₃O₈

Molecular Weight: 675.823

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	TCO-PEG4-DBCO is a 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	1.4797 mL	7.3984 mL	14.7968 mL
5 mM	0.2959 mL	1.4797 mL	2.9594 mL
10 mM	0.148 mL	0.7398 mL	1.4797 mL
50 mM	0.0296 mL	0.148 mL	0.2959 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

Rahim MK, et al. Enhancing reactivity for bioorthogonal pretargeting by unmasking antibody-conjugated trans-cyclooctenes. *Bioconjug Chem.* 2015 Feb 18;26(2):352-60.

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