

DBCO-NHS ester 2

Chemical Properties

CAS No. : 1384870-47-6

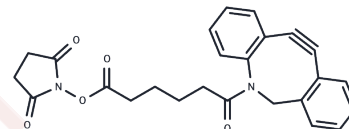
Formula: C₂₅H₂₂N₂O₅

Molecular Weight: 430.45

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-NHS ester 2 is a cleavable linker used in the synthesis of antibody-drug conjugates (ADCs) and is a Dibenzylcyclooctyne (DBCO) derivative designed for copper-free click chemistry [1].
Targets(IC50)	ADC Linker,PROTAC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3232 mL	11.6158 mL	23.2315 mL
5 mM	0.4646 mL	2.3232 mL	4.6463 mL
10 mM	0.2323 mL	1.1616 mL	2.3232 mL
50 mM	0.0465 mL	0.2323 mL	0.4646 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

Tang F, et al. Chemoenzymatic synthesis of glycoengineered IgG antibodies and glycosite-specific antibody-drug conjugates. Nat Protoc. 2017 Aug;12(8):1702-1721.

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