

DBCO-NHCO-PEG2-NHS ester

Chemical Properties

CAS No. :

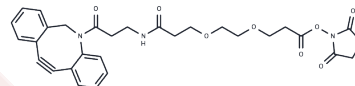
Formula: C₃₀H₃₁N₃O₈

Molecular Weight: 561.58

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-PEG2-NHS ester, a PEG-based PROTAC linker, enables the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked by a connector: one ligand is specific for an E3 ubiquitin ligase, and the other targets a particular protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7807 mL	8.9035 mL	17.8069 mL
5 mM	0.3561 mL	1.7807 mL	3.5614 mL
10 mM	0.1781 mL	0.8903 mL	1.7807 mL
50 mM	0.0356 mL	0.1781 mL	0.3561 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

An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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