

## DBCO-NHCO-PEG13-NHS ester

## Chemical Properties

CAS No. : 2784618-59-1

Formula: C<sub>52</sub>H<sub>75</sub>N<sub>3</sub>O<sub>19</sub>

Molecular Weight: 1046.16



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-PEG13-NHS ester is a pegylated PROTeolysis-TARgeting Chimera (PROTAC) linker, serving as a valuable tool for PROTAC synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked by a connector: one ligand binds to an E3 ubiquitin ligase, and the other targets the specific protein. PROTACs utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9559 mL	4.7794 mL	9.5588 mL
5 mM	0.1912 mL	0.9559 mL	1.9118 mL
10 mM	0.0956 mL	0.4779 mL	0.9559 mL
50 mM	0.0191 mL	0.0956 mL	0.1912 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

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