

## DBCO-NHCO-PEG2-maleimide

## Chemical Properties

CAS No. :

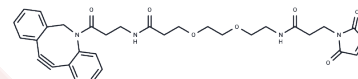
Formula: C<sub>32</sub>H<sub>34</sub>N<sub>4</sub>O<sub>7</sub>

Molecular Weight: 586.63

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-maleimide is a polyethylene glycol (PEG) derived PROTAC linker utilized in PROTAC synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands connected by a linker; one binds to an E3 ubiquitin ligase and the other to the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7047 mL	8.5233 mL	17.0465 mL
5 mM	0.3409 mL	1.7047 mL	3.4093 mL
10 mM	0.1705 mL	0.8523 mL	1.7047 mL
50 mM	0.0341 mL	0.1705 mL	0.3409 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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