

## N-DBCO-N-bis(PEG2-C2-acid)

## Chemical Properties

CAS No. : 2110449-00-6

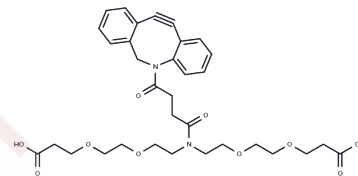
Formula: C<sub>33</sub>H<sub>40</sub>N<sub>2</sub>O<sub>10</sub>

Molecular Weight: 624.68

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	N-DBCO-N-bis(PEG2-C2-acid) is a polyethylene glycol (PEG) linker commonly employed in the synthesis of proteolysis-targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, consisting of two different ligands connected by a linker, one targeting an E3 ubiquitin ligase and the other the target protein, leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6008 mL	8.0041 mL	16.0082 mL
5 mM	0.3202 mL	1.6008 mL	3.2016 mL
10 mM	0.1601 mL	0.8004 mL	1.6008 mL
50 mM	0.032 mL	0.1601 mL	0.3202 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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