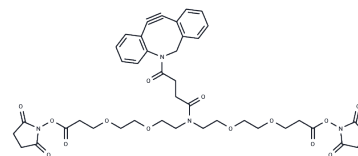


N-DBCO-N-bis(PEG2-C2-NHS ester)

Chemical Properties

CAS No. :	2128735-29-3
Formula:	C41H46N4O14
Molecular Weight:	818.82
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	N-DBCO-N-bis(PEG2-C2-NHS ester) is a Polyethylene Glycol (PEG) derived linker that finds utility in the synthesis of Proteolysis Targeting Chimeras (PROTACs)[1].
Targets(IC50)	Others
In vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2213 mL	6.1063 mL	12.2127 mL
5 mM	0.2443 mL	1.2213 mL	2.4425 mL
10 mM	0.1221 mL	0.6106 mL	1.2213 mL
50 mM	0.0244 mL	0.1221 mL	0.2443 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.

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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