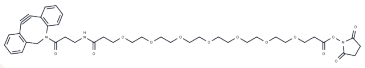
Data Sheet (Cat.No.T17756)

TargetMol

DBCO-NH-PEG7-C2-NHS ester

Chemical Properties



CAS No. :

Formula: C40H51N3O13

Molecular Weight: 781.85

Storage: Keep away from direct sunlight
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-NH-PEG7-C2-NHS ester is a polyethylene glycol (PEG) derived linker with a terminal DBCO moiety, functioning as an N-hydroxysuccinimide (NHS) ester, and suitable for the efficient synthesis of proteolysis-targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two different ligands linked together: one binds to an E3 ubiquitin ligase, and the other targets a specific protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade these target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.279 mL	6.3951 mL	12.7902 mL
5 mM	0.2558 mL	1.279 mL	2.558 mL
10 mM	0.1279 mL	0.6395 mL	1.279 mL
50 mM	0.0256 mL	0.1279 mL	0.2558 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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