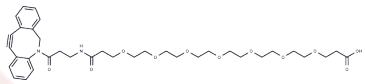
Data Sheet (Cat.No.T17773)

TargetMol

DBCO-NHCO-PEG7-acid

Chemical Properties



CAS No. :

Formula: C36H48N2O11

Molecular Weight: 684.77

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-NHCO-PEG7-acid is a PEG-based linker for PROTACs, connecting two essential ligands vital for forming PROTAC molecules and enabling selective protein degradation by utilizing the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands joined by a linker: one targets an E3 ubiquitin ligase and the other targets a specific protein, utilizing the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4603 mL	7.3017 mL	14.6034 mL
5 mM	0.2921 mL	1.4603 mL	2.9207 mL
10 mM	0.146 mL	0.7302 mL	1.4603 mL
50 mM	0.0292 mL	0.146 mL	0.2921 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.

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481