

endo-BCN-PEG12-NHS ester

Chemical Properties

CAS No. :

Formula: C42H70N2O18

Molecular Weight: 891.01

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	Endo-BCN-PEG12-NHS ester is a polyethylene glycol (PEG) derivative used as a linker for 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 targets the protein intended for degradation. By utilizing the intracellular ubiquitin-proteasome system, PROTACs selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1223 mL	5.6116 mL	11.2232 mL
5 mM	0.2245 mL	1.1223 mL	2.2446 mL
10 mM	0.1122 mL	0.5612 mL	1.1223 mL
50 mM	0.0224 mL	0.1122 mL	0.2245 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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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