# Data Sheet (Cat.No.T15228)



## endo-BCN-PEG4-NHS ester

Chemical Propert	ties
CAS No. :	1807501-86-5
Formula:	C26H38N2O10
Molecular Weight:	538.59 <b>(</b>
Appearance:	no data available
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year

# Biological DescriptionDescriptionendo-BCN-PEG4-NHS ester is a PEG-based linker for PROTACs which joins two essential<br/>ligands, crucial for forming PROTAC molecules. This linker enables selective protein<br/>degradation by leveraging the ubiquitin-proteasome system within cells.Targets(IC50)OthersIn vitroPROTACs contain two different ligands connected by a linker; one is a ligand for an E3<br/>ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular<br/>ubiquitin-proteasome system to selectively degrade target proteins[1].

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8567 mL	9.2835 mL	18.567 mL
5 mM	0.3713 mL	1.8567 mL	3.7134 mL
10 mM	0.1857 mL	0.9283 mL	1.8567 mL
50 mM	0.0371 mL	0.1857 mL	0.3713 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

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