Data Sheet (Cat.No.T17625)

TargetMol

Bis-PEG23-endo-BCN

Chemical Properties

CAS No. :

Formula: C70H124N2O27

Molecular Weight: 1425.73

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	Bis-PEG23-endo-BCN, a PEG-based linker for PROTACs, joins two essential ligands crucial for forming PROTAC molecules, enabling selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker: one ligand binds to an E3 ubiquitin ligase and the other to the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7014 mL	3.507 mL	7.014 mL
5 mM	0.1403 mL	0.7014 mL	1.4028 mL
10 mM	0.0701 mL	0.3507 mL	0.7014 mL
50 mM	0.014 mL	0.0701 mL	0.1403 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
Li J, Lu Q, Peng M, et al.Water extract from Herpetospermum pedunculosum attenuates oxidative stress and ferroptosis induced by acetaminophen via regulating Nrf2 and NF-κB pathways.Journal of Ethnopharmacology. 2023, 305: 116069.

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