Data Sheet (Cat.No.T17626)

TargetMol

Bis-PEG25-acid

Chemical Properties

CAS No. :

Formula: C54H106O29

Molecular Weight: 1219.4

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-PEG25-acid, a PEG-based linker for PROTACs, joins two essential ligands for forming PROTAC molecules and enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together, one binding to an E3 ubiquitin ligase and the other to the target protein. These compounds harness the ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8201 mL	4.1004 mL	8.2008 mL
5 mM	0.164 mL	0.8201 mL	1.6402 mL
10 mM	0.082 mL	0.410 mL	0.8201 mL
50 mM	0.0164 mL	0.082 mL	0.164 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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