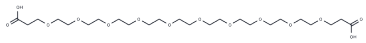
Data Sheet (Cat.No.T14629)

TargetMol

Bis-PEG10-acid

Chemical Properties



CAS No. : 2055023-26-0

Formula: C24H46O14

Molecular Weight: 558.61

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-PEG10-acid is a PEG-based linker for PROTACs that connects two essential ligands, facilitating the formation of PROTAC molecules and enabling selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, while the other binds to the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins. [PROTACs]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7902 mL	8.9508 mL	17.9016 mL
5 mM	0.358 mL	1.7902 mL	3.5803 mL
10 mM	0.179 mL	0.8951 mL	1.7902 mL
50 mM	0.0358 mL	0.179 mL	0.358 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

Zhao Q, et al. Discovery of SIAIS178 as an Effective BCR-ABL Degrader by Recruiting Von Hippel-Lindau (VHL) E3 Ubiquitin Ligase. J Med Chem. 2019 Oct 24;62(20):9281-9298.

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