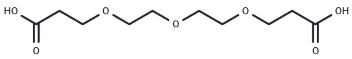
Data Sheet (Cat.No.T14634)

TargetMol

Bis-PEG3-acid

Chemical Properties



CAS No. : 96517-92-9

Formula: C10H18O7

Molecular Weight: 250.25

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-PEG3-acid, a PEG-based linker for PROTACs, connects two essential ligands to form PROTAC molecules, enabling selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one targets an E3 ubiquitin ligase and the other the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.996 mL	19.980 mL	39.960 mL
5 mM	0.7992 mL	3.996 mL	7.992 mL
10 mM	0.3996 mL	1.998 mL	3.996 mL
50 mM	0.0799 mL	0.3996 mL	0.7992 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.

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