Data Sheet (Cat.No.T15855)

TargetMol®
YOUR TARGET MOLECULES

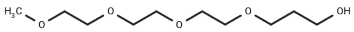
m-PEG4-CH2-alcohol

Chemical Properties

CAS No. : 145526-76-7

Formula: C10H22O5

Molecular Weight: 222.2787



Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	m-PEG4-CH2-alcohol is a PEG-based linker for PROTACs which joins two essential ligands, crucial for forming PROTAC molecules. This linker enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others
In vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4988 mL	22.4942 mL	44.9883 mL
5 mM	0.8998 mL	4.4988 mL	8.9977 mL
10 mM	0.4499 mL	2.2494 mL	4.4988 mL
50 mM	0.090 mL	0.4499 mL	0.8998 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

KunioOka, et al. Thermochromism and solvatochromism of non-ionic polar polysilanes. Journal of Organometallic Chemistry.

Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481