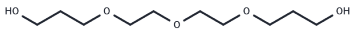
Data Sheet (Cat.No.T38508)

TargetMol

Propanol-PEG3-CH2OH

Chemical Properties



CAS No. : 112935-57-6

Formula: C10H22O5

Molecular Weight: 222.281

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	Propanol-PEG3-CH2OH, a PEG-based linker for PROTACs, facilitates the joining of two essential ligands necessary for PROTAC formation, enabling selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands joined by a linker: one binds to an E3 ubiquitin ligase and the other to the target protein. They employ the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

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.

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

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