

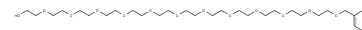
Benzyl-PEG12-alcohol

Chemical Properties

CAS No. : 2218463-17-1

Formula: C₃₁H₅₆O₁₃

Molecular Weight: 636.77



Store at low temperature

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

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Benzyl-PEG12-alcohol is a PEG-based linker for PROTACs, connecting two essential ligands to form PROTAC molecules. This linker facilitates selective protein degradation by utilizing the ubiquitin-proteasome system within cells.
Targets(IC50)	PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker: one targeting an E3 ubiquitin ligase and the other targeting the desired protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5704 mL	7.8521 mL	15.7043 mL
5 mM	0.3141 mL	1.5704 mL	3.1409 mL
10 mM	0.157 mL	0.7852 mL	1.5704 mL
50 mM	0.0314 mL	0.157 mL	0.3141 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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