

HO-PEG22-OH

Chemical Properties

CAS No. :

Formula: C44H90O23

Molecular Weight: 987.17

Keep away from direct sunlight

Storage: 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	HO-PEG22-OH is a PEG-based linker for PROTACs, facilitating selective protein degradation by joining two essential ligands and leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two different ligands linked together: one targets an E3 ubiquitin ligase and the other targets the desired protein. They exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.013 mL	5.065 mL	10.130 mL
5 mM	0.2026 mL	1.013 mL	2.026 mL
10 mM	0.1013 mL	0.5065 mL	1.013 mL
50 mM	0.0203 mL	0.1013 mL	0.2026 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