

HO-PEG13-OH

Chemical Properties

CAS No. : 17598-96-8

Formula: C₂₆H₅₄O₁₄

Molecular Weight: 590.7

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-PEG13-OH is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs (Proteolysis Targeting Chimeras).
Targets(IC50)	PROTAC Linker
In vitro	PROTACs consist of two distinct ligands joined by a linker: one ligand binds to an E3 ubiquitin ligase, and the other targets the specific protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6929 mL	8.4645 mL	16.9291 mL
5 mM	0.3386 mL	1.6929 mL	3.3858 mL
10 mM	0.1693 mL	0.8465 mL	1.6929 mL
50 mM	0.0339 mL	0.1693 mL	0.3386 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

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