

I-PEG6-OH

Chemical Properties

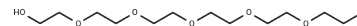
CAS No. : 136399-07-0

Formula: C12H25IO6

Molecular Weight: 392.23

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	I-PEG6-OH, a PEG-based linker for PROTACs, joins two essential ligands required for PROTAC molecule formation, facilitating selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one targets an E3 ubiquitin ligase, and the other binds the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5495 mL	12.7476 mL	25.4952 mL
5 mM	0.5099 mL	2.5495 mL	5.099 mL
10 mM	0.255 mL	1.2748 mL	2.5495 mL
50 mM	0.051 mL	0.255 mL	0.5099 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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