

Benzyl-PEG4-Ots

Chemical Properties

CAS No. : 89346-82-7

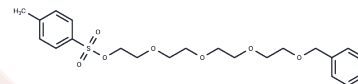
Formula: C₂₂H₃₀O₇S

Molecular Weight: 438.53

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	Benzyl-PEG4-Ots is a PEG-based linker for PROTACs that joins two essential ligands, crucial for forming PROTAC molecules, enabling selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands connected by a linker: one binding to an E3 ubiquitin ligase and the other to a target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade these target proteins.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2803 mL	11.4017 mL	22.8035 mL
5 mM	0.4561 mL	2.2803 mL	4.5607 mL
10 mM	0.228 mL	1.1402 mL	2.2803 mL
50 mM	0.0456 mL	0.228 mL	0.4561 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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