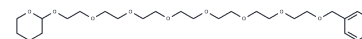


## Benzyl-PEG7-THP

## Chemical Properties

CAS No. :	230620-75-4
Formula:	C <sub>26</sub> H <sub>44</sub> O <sub>9</sub>
Molecular Weight:	500.629
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Benzyl-PEG7-THP, a PEG-based linker for PROTACs, facilitates the formation of PROTAC molecules by joining two essential ligands and enabling selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, while the other targets the specific protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs selectively degrade target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9975 mL	9.9874 mL	19.9748 mL
5 mM	0.3995 mL	1.9975 mL	3.995 mL
10 mM	0.1997 mL	0.9987 mL	1.9975 mL
50 mM	0.0399 mL	0.1997 mL	0.3995 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

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