

## Propargyl-PEG4-beta-D-glucose

## Chemical Properties

CAS No. : 1397682-63-1

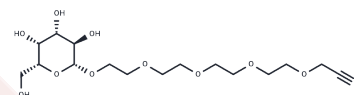
Formula: C17H30O10

Molecular Weight: 394.41

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	Propargyl-PEG4-beta-D-glucose is a polyethylene glycol (PEG) derivatized PROTAC linker used in the synthesis of PROteolysis TARGETing Chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins by containing two different ligands connected by a linker: one ligand targets an E3 ubiquitin ligase and the other targets the protein of interest[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5354 mL	12.6772 mL	25.3543 mL
5 mM	0.5071 mL	2.5354 mL	5.0709 mL
10 mM	0.2535 mL	1.2677 mL	2.5354 mL
50 mM	0.0507 mL	0.2535 mL	0.5071 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