

Propargyl-PEG4-tetra-Ac-beta-D-galactose

Chemical Properties

CAS No. : 1397682-61-9

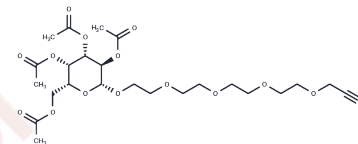
Formula: C₂₅H₃₈O₁₄

Molecular Weight: 562.56

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-tetra-Ac-beta-D-galactose is a PEGylated proteolysis-targeting chimera (PROTAC) linker used for PROTAC synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, comprising two ligands linked together—one binding to an E3 ubiquitin ligase and the other to the target protein—utilize the intracellular ubiquitin-proteasome system for selective target protein degradation [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7776 mL	8.8879 mL	17.7759 mL
5 mM	0.3555 mL	1.7776 mL	3.5552 mL
10 mM	0.1778 mL	0.8888 mL	1.7776 mL
50 mM	0.0356 mL	0.1778 mL	0.3555 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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