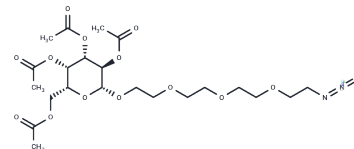


Azido-PEG4-tetra-Ac-beta-D-glucose

Chemical Properties

CAS No. :	153252-44-9
Formula:	C ₂₂ H ₃₅ N ₃ O ₁₃
Molecular Weight:	549.53
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Azido-PEG4-tetra-Ac-beta-D-glucose is a polyethylene glycol (PEG) based PROTAC linker utilized for the synthesis of PROTACs[1].
Targets(IC50)	Others
In vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8197 mL	9.0987 mL	18.1974 mL
5 mM	0.3639 mL	1.8197 mL	3.6395 mL
10 mM	0.182 mL	0.9099 mL	1.8197 mL
50 mM	0.0364 mL	0.182 mL	0.3639 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.

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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