

Azide-PEG7-Tos

Chemical Properties

CAS No. : 1418561-41-7

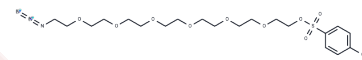
Formula: C₂₁H₃₅N₃O₉S

Molecular Weight: 505.58

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	Azide-PEG7-Tos is a PEG-based linker for PROTACs that connects two essential ligands, critical for forming PROTAC molecules, and facilitates selective protein degradation by utilizing the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, while the other binds to the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9779 mL	9.8896 mL	19.7793 mL
5 mM	0.3956 mL	1.9779 mL	3.9559 mL
10 mM	0.1978 mL	0.989 mL	1.9779 mL
50 mM	0.0396 mL	0.1978 mL	0.3956 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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