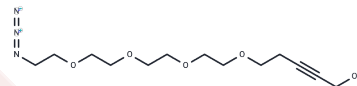


5-(Azido-PEG4)-pent-2-yn-1-ol

Chemical Properties

CAS No. :	2468714-96-5
Formula:	C13H23N3O5
Molecular Weight:	301.339
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	5-(Azido-PEG4)-pent-2-yn-1-ol is a compound featuring an azido group and a terminal hydroxyl group within a PEG linker. The hydrophilic PEG spacer enhances solubility in aqueous media. The azido group can undergo Click Chemistry with alkynes, BCN, and DBCO, producing stable triazole bonds. The hydroxyl group can be further derivatized or replaced by other reactive functional groups.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3185 mL	16.5926 mL	33.1851 mL
5 mM	0.6637 mL	3.3185 mL	6.637 mL
10 mM	0.3319 mL	1.6593 mL	3.3185 mL
50 mM	0.0664 mL	0.3319 mL	0.6637 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.

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