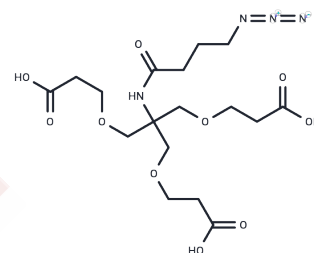


Azidobutanamide-tri-(carboxyethoxymethyl)-methane

Chemical Properties

CAS No. : 2644752-90-7
 Formula: C17H28N4O10
 Molecular Weight: 448.425
 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	Azidobutanamide-tri-(carboxyethoxymethyl)-methane is a water-soluble PEG linker featuring an azido group and three terminal carboxylic acids. The azido group can react with alkynes, BCN, or DBCO through Click Chemistry to form stable triazole bonds. Terminal carboxylic acids can react with primary amines in the presence of activators (such as EDC or HATU) to form stable amide bonds.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.230 mL	11.150 mL	22.300 mL
5 mM	0.446 mL	2.230 mL	4.460 mL
10 mM	0.223 mL	1.115 mL	2.230 mL
50 mM	0.0446 mL	0.223 mL	0.446 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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