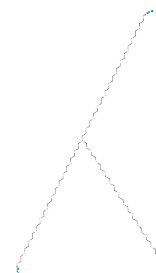


N-(acid-PEG10)-N-bis(PEG10-azide)

Chemical Properties

CAS No. : 2803119-06-2
 Formula: C67H133N7O32
 Molecular Weight: 1548.8
 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	N-(acid-PEG10)-N-bis(PEG10-azide) is a widely utilized PEG reagent featuring a terminal carboxylic acid and two azide groups. Its hydrophilic PEG spacer enhances solubility in aqueous media. The azide groups can react with alkynes, BCN, or DBCO via Click Chemistry to create stable triazole linkages. The terminal carboxylic acid can form robust amide bonds by reacting with primary amine groups in the presence of activating agents such as EDC or HATU.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6457 mL	3.2283 mL	6.4566 mL
5 mM	0.1291 mL	0.6457 mL	1.2913 mL
10 mM	0.0646 mL	0.3228 mL	0.6457 mL
50 mM	0.0129 mL	0.0646 mL	0.1291 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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