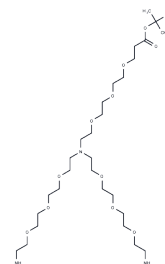


N-(t-Butyl ester-PEG3)-N-bis(PEG3-amine)

Chemical Properties

CAS No. : 2183440-29-9
 Formula: C₂₉H₆₁N₃O₁₁
 Molecular Weight: 627.808
 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-(t-Butyl ester-PEG3)-N-bis(PEG3-amine) is a PEG reagent that readily reacts with activated NHS esters or carboxylic acids in the presence of EDC or HATU. The tert-butyl group can be deprotected under acidic conditions. The hydrophilic PEG spacer enhances the compound's solubility in aqueous environments.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5928 mL	7.9642 mL	15.9284 mL
5 mM	0.3186 mL	1.5928 mL	3.1857 mL
10 mM	0.1593 mL	0.7964 mL	1.5928 mL
50 mM	0.0319 mL	0.1593 mL	0.3186 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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