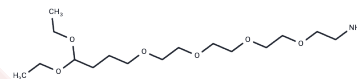


Diethyl acetal-PEG4-amine

Chemical Properties

CAS No. : 672305-35-0
 Formula: C₁₆H₃₅N₆O₆
 Molecular Weight: 337.452
 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	Diethyl acetal-PEG4-amine is a PEG reagent featuring an amino (NH ₂) group and a terminal diethyl acetal protecting group, which can be deprotected to release a free aldehyde. The NH ₂ group can react with carboxylic acids, active NHS esters, and carbonyls (ketones, aldehydes).
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9634 mL	14.817 mL	29.634 mL
5 mM	0.5927 mL	2.9634 mL	5.9268 mL
10 mM	0.2963 mL	1.4817 mL	2.9634 mL
50 mM	0.0593 mL	0.2963 mL	0.5927 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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