

m-PEG9-4-Nitrophenyl carbonate

Chemical Properties

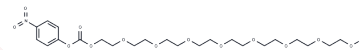
CAS No. : 1186428-41-0

Formula: C₂₄H₃₉N₁O₁₃

Molecular Weight: 549.565

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	m-PEG9-4-Nitrophenyl carbonate is a PEG linker containing a nitrophenyl carbonate group. Under mild conditions, the nitrophenyl carbonate is readily displaced by amine nucleophiles, resulting in the formation of carbamate bonds. The PEG9 chain improves the compound's water solubility.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8196 mL	9.098 mL	18.196 mL
5 mM	0.3639 mL	1.8196 mL	3.6392 mL
10 mM	0.182 mL	0.9098 mL	1.8196 mL
50 mM	0.0364 mL	0.182 mL	0.3639 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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