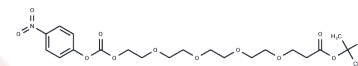


t-Butyloxycarboxy-PEG4-para-nitrophenyl carbonate

Chemical Properties

CAS No. :	1807537-39-8
Formula:	C22H33NO11
Molecular Weight:	487.497
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	t-Butyloxycarboxy-PEG4-para-nitrophenyl carbonate is a PEG linker consisting of a nitrophenyl group connected to a carbonate, along with four PEG units and a t-butyl group that can be deprotected under acidic conditions. The PEG units enhance the solubility of the molecule in aqueous media, while the nitrophenyl group is reactive towards amine-containing molecules.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0513 mL	10.2564 mL	20.5128 mL
5 mM	0.4103 mL	2.0513 mL	4.1026 mL
10 mM	0.2051 mL	1.0256 mL	2.0513 mL
50 mM	0.041 mL	0.2051 mL	0.4103 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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