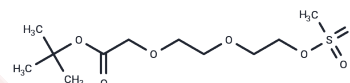


Mes-PEG2-CH2-t-butyl ester

Chemical Properties

CAS No. : 189104-56-1
 Formula: C₁₁H₂₂O₇S
 Molecular Weight: 298.353
 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	Mes-PEG2-CH2-t-butyl ester is a PEG linker that features a PEG2 segment to enhance compound solubility and a t-butyl ester group that can be deprotected under acidic conditions. The mesylate ester serves as an excellent leaving group, offering all its benefits while not being restricted by acidic protons that could react with nucleophiles.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3518 mL	16.7588 mL	33.5177 mL
5 mM	0.6704 mL	3.3518 mL	6.7035 mL
10 mM	0.3352 mL	1.6759 mL	3.3518 mL
50 mM	0.067 mL	0.3352 mL	0.6704 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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