

Tos-PEG11-t-butyl ester

Chemical Properties

CAS No. : 778596-20-6
 Formula: C₃₄H₆₀O₁₅S
 Molecular Weight: 740.896
 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	Tos-PEG11-t-butyl ester is a PEG linker that incorporates a t-butyl ester and a tosyl group. The hydrophilic PEG spacer enhances its solubility in aqueous media. The t-butyl-protected carboxyl group can be deprotected under acidic conditions. The tosyl group serves as an excellent leaving group in nucleophilic substitution reactions.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3497 mL	6.7485 mL	13.4971 mL
5 mM	0.2699 mL	1.3497 mL	2.6994 mL
10 mM	0.135 mL	0.6749 mL	1.3497 mL
50 mM	0.027 mL	0.135 mL	0.2699 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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