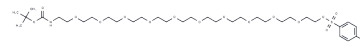


t-Boc-N-Amido-PEG11-Tos

Chemical Properties

CAS No. : 1556847-56-3
 Formula: C₃₄H₆₁NO₁₅S
 Molecular Weight: 755.911
 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-Boc-N-Amido-PEG11-Tos is a PEG linker featuring a tosyl group and a Boc-protected amine. The hydrophilic PEG spacer enhances the compound's solubility in aqueous environments. The tosyl group serves as an excellent leaving group in nucleophilic substitution reactions. Under mild acidic conditions, the Boc group can be deprotected to yield a free amine.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3229 mL	6.6145 mL	13.2291 mL
5 mM	0.2646 mL	1.3229 mL	2.6458 mL
10 mM	0.1323 mL	0.6615 mL	1.3229 mL
50 mM	0.0265 mL	0.1323 mL	0.2646 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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