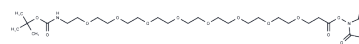


BocNH-PEG8-CH₂CH₂COONHS

Chemical Properties

CAS No. : 2009357-80-4
 Formula: C₂₈H₅₀N₂O₁₄
 Molecular Weight: 638.702
 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	BocNH-PEG8-CH ₂ CH ₂ COONHS is a PEG linker containing an NHS ester and a Boc-protected amine. The hydrophilic PEG spacer enhances the water solubility of the compound in aqueous environments. Under mild acidic conditions, the Boc group can be removed to form a free amine. The NHS ester is useful for labeling proteins, amine-modified oligonucleotides, and other primary amine (-NH ₂) containing molecules.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5657 mL	7.8284 mL	15.6568 mL
5 mM	0.3131 mL	1.5657 mL	3.1314 mL
10 mM	0.1566 mL	0.7828 mL	1.5657 mL
50 mM	0.0313 mL	0.1566 mL	0.3131 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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