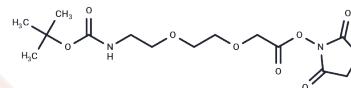


BocNH-PEG2-CH₂COONHS

Chemical Properties

CAS No. : 911102-04-0
 Formula: C₁₅H₂₄N₂O₈
 Molecular Weight: 360.36
 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-PEG2-CH ₂ COONHS is a PEG linker characterized by a terminal carboxylic acid and a Boc-protected amine. The hydrophilic PEG spacer enhances solubility in aqueous media. The terminal carboxylic acid can react with primary amine groups to form stable amide bonds in the presence of activators like EDC or HATU. The Boc group can be deprotected under mild acidic conditions to yield a free amine.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.775 mL	13.875 mL	27.750 mL
5 mM	0.555 mL	2.775 mL	5.550 mL
10 mM	0.2775 mL	1.3875 mL	2.775 mL
50 mM	0.0555 mL	0.2775 mL	0.555 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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