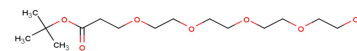


Hydroxy-PEG4-(CH₂)₂-Boc

Chemical Properties

CAS No.:	518044-32-1
Formula:	C ₁₅ H ₃₀ O ₇
Molecular Weight:	322.39
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Hydroxy-PEG4-(CH ₂) ₂ -Boc is a uncleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs). Hydroxy-PEG4-(CH ₂) ₂ -Boc is extracted from patent WO2004008101A2 (compound 191).
Targets(IC ₅₀)	Non-cleavable: None
In vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker.

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.102 mL	15.509 mL	31.018 mL
5 mM	0.62 mL	3.102 mL	6.204 mL
10 mM	0.31 mL	1.551 mL	3.102 mL
50 mM	0.062 mL	0.31 mL	0.62 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Qingqi Chen,et al. The use of isocyanate linkers to make hydrolyzable active agent biopolymer conjugates. Patent WO2004008101A2.

Inhibitors · Natural Compounds · Compound Libraries

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