

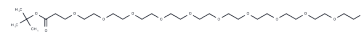
Hydroxy-PEG10-Boc

Chemical Properties

CAS No. : 778596-26-2

Formula: C₂₇H₅₄O₁₃

Molecular Weight: 586.71



Keep away from direct sunlight

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	Hydroxy-PEG10-Boc is a uncleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs). Hydroxy-PEG10-Boc can be conjugated to Paclitaxel or docetaxel [2].
Targets(IC50)	ADC Linker,PROTAC Linker
In vitro	Antibody-Drug Conjugates (ADCs) consist of an antibody linked to an ADC cytotoxin via an ADC linker.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7044 mL	8.5221 mL	17.0442 mL
5 mM	0.3409 mL	1.7044 mL	3.4088 mL
10 mM	0.1704 mL	0.8522 mL	1.7044 mL
50 mM	0.0341 mL	0.1704 mL	0.3409 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.

Reference

Huli, et al. A kind of preparation method of hydroxyl polyethylene glycol propionic ester. Patent
 Miller ML, et al. Synthesis of taxoids with improved cytotoxicity and solubility for use in tumor-specific delivery.
 Med Chem. 2004 Sep 23;47(20):4802-5.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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