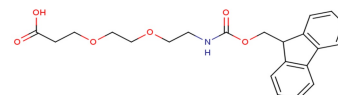


Fmoc-NH-PEG2-CH<sub>2</sub>CH<sub>2</sub>COOH

## Chemical Properties

CAS No.: 872679-70-4  
 Formula: C<sub>22</sub>H<sub>25</sub>NO<sub>6</sub>  
 Molecular Weight: 399.44  
 Appearance: N/A  
 Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	Fmoc-NH-PEG2-CH <sub>2</sub> CH <sub>2</sub> COOH is a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs)[1].
Targets(IC <sub>50</sub> )	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	2.504 mL	12.518 mL	25.035 mL
5 mM	0.501 mL	2.504 mL	5.007 mL
10 mM	0.25 mL	1.252 mL	2.504 mL
50 mM	0.05 mL	0.25 mL	0.501 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. Fulcher JM, et al. Chemical synthesis of Shiga toxin subunit B using a next-generation traceless "helping hand" solubilizing tag. *Org Biomol Chem.* 2019 Dec 28;17(48):10237-10244.

Inhibitors · Natural Compounds · Compound Libraries

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