

## m-PEG8-NHS ester

## Chemical Properties

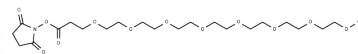
CAS No. : 756525-90-3

Formula: C<sub>22</sub>H<sub>39</sub>N<sub>3</sub>O<sub>12</sub>

Molecular Weight: 509.55

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	m-PEG8-NHS ester is an 8-unit PEG-containing ADC linker that can be used to synthesize antibody-coupled reactive molecules (ADCs), which can be used to modify proteins and peptides.
Targets(IC50)	ADC Linker
In vitro	m-PEG8-NHS ester is a PEG linker containing an NHS ester, which can be used for labeling primary amines (-NH <sub>2</sub> ) on proteins, amine-modified oligonucleotides, and other amine-containing molecules, as well as for synthesizing antibody-drug conjugates (ADCs).

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9625 mL	9.8126 mL	19.6252 mL
5 mM	0.3925 mL	1.9625 mL	3.925 mL
10 mM	0.1963 mL	0.9813 mL	1.9625 mL
50 mM	0.0393 mL	0.1963 mL	0.3925 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

By Boehnke, et al. Preparation of antibody drug conjugates with NAMPT inhibitors for use in treatment of cancer. Patent WO2019149637A1.

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