

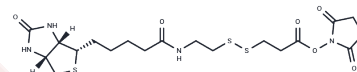
## NHS-SS-biotin

## Chemical Properties

CAS No. : 122266-55-1

Formula: C<sub>19</sub>H<sub>28</sub>N<sub>4</sub>O<sub>6</sub>S<sub>3</sub>

Molecular Weight: 504.64



Keep away from direct sunlight, Store at low temperature

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	NHS-SS-biotin (Biotin-SS-NHS ester) is a degradable ADC linker used for synthesizing ADC compounds.
Targets(IC50)	ADC Linker
In vitro	NHS-SS-biotin is a biotinylated water-soluble crosslinker that can be used for protein labeling and purification on cell surfaces. [1]

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9816 mL	9.9081 mL	19.8161 mL
5 mM	0.3963 mL	1.9816 mL	3.9632 mL
10 mM	0.1982 mL	0.9908 mL	1.9816 mL
50 mM	0.0396 mL	0.1982 mL	0.3963 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

Gurler B, et al. Hypoxia and HIF-1 $\alpha$  Regulate the Activity and Expression of Na,K-ATPase Subunits in H9c2 Cardiomyoblasts. *Curr Issues Mol Biol.* 2023 Oct 12;45(10):8277-8288.

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