

## DBCO-Sulfo-NHS ester sodium

## Chemical Properties

CAS No. : 1400191-52-7

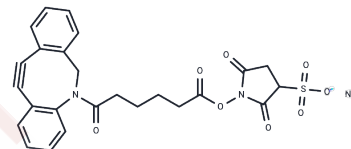
Formula: C<sub>25</sub>H<sub>21</sub>N<sub>2</sub>NaO<sub>8</sub>S

Molecular Weight: 532.5

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	DBCO-Sulfo-NHS ester sodium is a degradable ADC linker that can be used to synthesize ADC compounds.
Targets(IC50)	ADC Linker

## Solubility Information

Solubility	H <sub>2</sub> O: 40 mg/mL (75.12 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8779 mL	9.3897 mL	18.7793 mL
5 mM	0.3756 mL	1.8779 mL	3.7559 mL
10 mM	0.1878 mL	0.939 mL	1.8779 mL
50 mM	0.0376 mL	0.1878 mL	0.3756 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

Dudchak R, et al. Click chemistry in the synthesis of antibody-drug conjugates. *Bioorg Chem.* 2024 Feb;143: 106982.

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