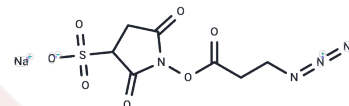


## 3-Azidopropionic Acid Sulfo-NHS Ester

## Chemical Properties

CAS No. :	2055198-09-7
Formula:	C7H7N4NaO7S
Molecular Weight:	314.21
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	3-Azidopropionic Acid Sulfo-NHS Ester is a water-soluble compound containing an azide group and an NHS ester. The azide group can react with alkyne, BCN, DBCO via Click Chemistry to yield a stable triazole linkage. The NHS ester can be used to label the primary amines (-NH <sub>2</sub> ) of proteins, amine-modified oligonucleotides, and other amine-containing molecules.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1826 mL	15.9129 mL	31.8258 mL
5 mM	0.6365 mL	3.1826 mL	6.3652 mL
10 mM	0.3183 mL	1.5913 mL	3.1826 mL
50 mM	0.0637 mL	0.3183 mL	0.6365 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

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