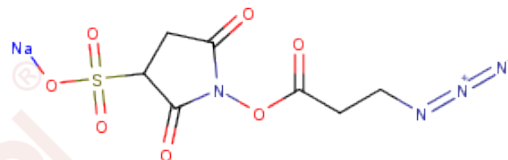


3-Azidopropionic Acid Sulfo-NHS Ester

Chemical Properties

CAS No. :	2055198-09-7
Formula:	C7H8N4NaO7S
Molecular Weight:	315.21
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



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 ₂) of proteins, amine-modified oligonucleotides, and other amine-containing molecules.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1725 mL	15.8624 mL	31.7249 mL
5 mM	0.6345 mL	3.1725 mL	6.345 mL
10 mM	0.3172 mL	1.5862 mL	3.1725 mL
50 mM	0.0634 mL	0.3172 mL	0.6345 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.

Reference

Sano K, Nakajima T, Miyazaki K, Ohuchi Y, Ikegami T, Choyke PL, Kobayashi H. Short PEG-linkers improve the performance of targeted, activatable monoclonal antibody-indocyanine green optical imaging probes. Bioconjug

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