

## Sulfo DBCO-PEG3-acid

## Chemical Properties

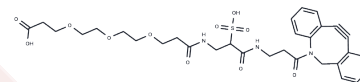
CAS No. : 2566404-75-7

Formula: C<sub>31</sub>H<sub>37</sub>N<sub>3</sub>O<sub>11</sub>S

Molecular Weight: 659.7

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	Sulfo DBCO-PEG3-acid is a click chemistry reagent featuring an azide group. This compound is an analog of DBCO-acid, equipped with a PEG linker and a DBCO moiety. The DBCO group, known for its strain-promoted high-energy state, is commonly utilized in copper-free click reactions. The hydrophilic polyethylene glycol chain and the sulfonyl group enhance its water solubility. The terminal carboxylic acid can react with primary amine groups in the presence of activators (such as EDC or HATU) to form stable amide bonds. This reagent is for research use only and is of reagent grade.
Targets(IC50)	ADC Linker

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5158 mL	7.5792 mL	15.1584 mL
5 mM	0.3032 mL	1.5158 mL	3.0317 mL
10 mM	0.1516 mL	0.7579 mL	1.5158 mL
50 mM	0.0303 mL	0.1516 mL	0.3032 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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