

Sulfo Cy5.5-N3

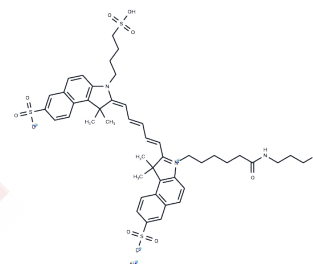
Chemical Properties

CAS No. :

Formula: C46H53N6NaO10S3

Molecular Weight: 969.132

Storage: Keep away from direct sunlight
 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 Cy5.5-N3 is a fluorescent dye known as a Sulfo Cy5.5 azide. This compound can be employed in cell imaging via click chemistry. It contains an azide group, allowing it to participate in copper-catalyzed azide-alkyne cycloaddition reactions (CuAAC) with molecules containing alkyne groups. Additionally, it can engage in strain-promoted azide-alkyne cycloaddition reactions (SPAAC) with molecules that have DBCO or BCN groups.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0319 mL	5.1593 mL	10.3185 mL
5 mM	0.2064 mL	1.0319 mL	2.0637 mL
10 mM	0.1032 mL	0.5159 mL	1.0319 mL
50 mM	0.0206 mL	0.1032 mL	0.2064 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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