

Sulfo Cy7 N3

Chemical Properties

CAS No. :

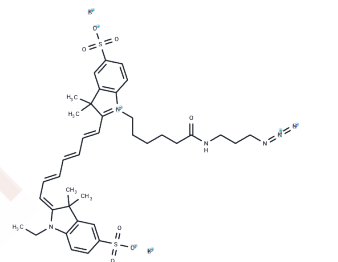
Formula: C38H47ClK2N6O7S2

Molecular Weight: 877.595

Keep away from direct sunlight

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 Cy7-N3 is a Sulfo Cy7-azide compound and functions as a fluorescent dye. It can be employed in cell imaging through click reactions. The molecule contains an azide group, enabling it to engage in a copper-catalyzed azide-alkyne cycloaddition reaction (CuAAC) with molecules that have an alkyne group. Additionally, it can undergo strain-promoted alkyne-azide cycloaddition (SPAAC) with molecules possessing DBCO or BCN groups.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1395 mL	5.6974 mL	11.3947 mL
5 mM	0.2279 mL	1.1395 mL	2.2789 mL
10 mM	0.1139 mL	0.5697 mL	1.1395 mL
50 mM	0.0228 mL	0.1139 mL	0.2279 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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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481