

Sulfo Cy5-tetrazine sodium

Chemical Properties

CAS No. :

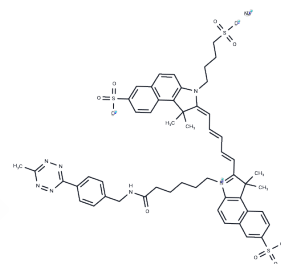
Formula: C53H56N7NaO10S3

Molecular Weight: 1070.24

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 Cy5-tetrazine sodium is a Cy5 derivative dye with properties similar to CY5, featuring fluorescence characteristics (Ex/Em=633/647 nm). It acts as a click chemistry reagent, incorporating a Tetrazine group that can engage in an inverse electron-demand Diels-Alder reaction (IEDDA) with molecules containing a TCO group.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9344 mL	4.6718 mL	9.3437 mL
5 mM	0.1869 mL	0.9344 mL	1.8687 mL
10 mM	0.0934 mL	0.4672 mL	0.9344 mL
50 mM	0.0187 mL	0.0934 mL	0.1869 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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