

Sulfo-Cy5 ethylenediamine

Chemical Properties

CAS No. :

Formula: C35H46ClKN4O7S2

Molecular Weight: 773.44

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-Cyanine5 is an analog of Cy5, a very popular fluorophore, therefore this reagent is compatible to a wide range of standard fluorescent instrumentation such as imagers, plate readers, and microscopes.
Targets(IC50)	Others
In vitro	Cy5 ethylenediamine are reactive dyes for the label of carboxyl groups of biomolecules. This reagent can be used to label soluble proteins, polypeptides and oligonucleotides/DNA. Fluorescence imaging and other fluorescence biological analysis. They are widely used to label peptides, proteins and nucleic acids.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2929 mL	6.4646 mL	12.9293 mL
5 mM	0.2586 mL	1.2929 mL	2.5859 mL
10 mM	0.1293 mL	0.6465 mL	1.2929 mL
50 mM	0.0259 mL	0.1293 mL	0.2586 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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