

Sulfo-Cy3 ethylenediamine

Chemical Properties

CAS No. :

Formula: C33H44ClKN4O7S2

Molecular Weight: 747.41

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-Cyanine 3 is an alternative dye primarily used for labeling peptides and oligos in replacing Cy3 that was originally developed by GE Healthcare.
Targets(IC50)	Others
In vitro	Cy3 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	1.338 mL	6.6898 mL	13.3795 mL
5 mM	0.2676 mL	1.338 mL	2.6759 mL
10 mM	0.1338 mL	0.669 mL	1.338 mL
50 mM	0.0268 mL	0.1338 mL	0.2676 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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