

## Sulfo-Cy7 ethylenediamine

## Chemical Properties

CAS No. :

Formula: C<sub>38</sub>H<sub>50</sub>ClKN<sub>4</sub>O<sub>8</sub>S<sub>2</sub>

Molecular Weight: 829.52

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-Cyanine7 is an improved analog of Cy7 fluorophore with quantum yield improved by 20%, and higher photostability. This fluorescent dye is especially useful for NIR imaging.
Targets(IC50)	Others
In vitro	Sulfo-Cyanine7 is a fluorescence labeling agent with the Ex=750 nm, Em=773 nm. Cyanine dyes are used to label oligonucleotides, peptides, proteins, and antibodies.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2055 mL	6.0276 mL	12.0552 mL
5 mM	0.2411 mL	1.2055 mL	2.411 mL
10 mM	0.1206 mL	0.6028 mL	1.2055 mL
50 mM	0.0241 mL	0.1206 mL	0.2411 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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