

## Sulfo-Cy7 cadaverine

## Chemical Properties

CAS No. :

Formula: C40H54ClKN4O8S2

Molecular Weight: 857.574

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 21%, 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	1.1661 mL	5.8304 mL	11.6609 mL
5 mM	0.2332 mL	1.1661 mL	2.3322 mL
10 mM	0.1166 mL	0.583 mL	1.1661 mL
50 mM	0.0233 mL	0.1166 mL	0.2332 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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