

Sulfo-Cy5 cadaverine

Chemical Properties

CAS No. :

Formula: C₃₈H₅₂KN₄O₈S₂

Molecular Weight: 796.08

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 Cy6, 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	Sulfo-Cy5 can mark the carboxyl group of biomolecules. It is used to labeled soluble proteins, polypeptides and oligonucleotides/DNA.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2562 mL	6.2808 mL	12.5616 mL
5 mM	0.2512 mL	1.2562 mL	2.5123 mL
10 mM	0.1256 mL	0.6281 mL	1.2562 mL
50 mM	0.0251 mL	0.1256 mL	0.2512 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.

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