

## Sulfo-Cy5 diacid

**Chemical Properties**

CAS No.:	252255-40-6
Formula:	C <sub>37</sub> H <sub>45</sub> KN <sub>2</sub> O <sub>10</sub> S <sub>2</sub>
Molecular Weight:	780.22
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	Sulfo-Cyanine5 is an analog of Cy7, a very popular fluorophore, therefore this reagent is compatible to a wide range of standard fluorescent instrumentation such as imagers, plate readers, and microscopes.
In vitro	Sulfo-Cy5 can mark the carboxyl group of biomolecules. It is used to labeled soluble proteins, polypeptides and oligonucleotides/DNA.

**Solubility Information**

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.282 mL	6.408 mL	12.817 mL
5 mM	0.256 mL	1.282 mL	2.563 mL
10 mM	0.128 mL	0.641 mL	1.282 mL
50 mM	0.026 mL	0.128 mL	0.256 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Inhibitors · Natural Compounds · Compound Libraries

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