

## Sulfo Cy5.5-hydrazide sodium

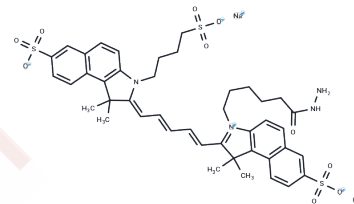
### Chemical Properties

CAS No. :

Formula: C43H48N4Na2O10S3

Molecular Weight: 923.037

Storage: Keep away from direct sunlight  
 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	SulfoCy5.5-hydrazide sodium is a derivative of the Cy5.5 dye that contains a hydrazine functional group. The hydrazide group in SulfoCy5.5-hydrazide sodium can react with molecules containing aldehyde or ketone groups to form a hydrazone linkage, resulting in a covalent bond.
Targets(IC50)	Others

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0834 mL	5.4169 mL	10.8338 mL
5 mM	0.2167 mL	1.0834 mL	2.1668 mL
10 mM	0.1083 mL	0.5417 mL	1.0834 mL
50 mM	0.0217 mL	0.1083 mL	0.2167 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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