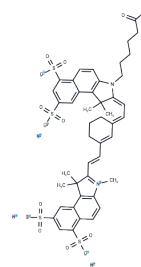


## Sulfo-Cy7.5 carboxylic acid

## Chemical Properties

CAS No. :	2760599-02-6
Formula:	C45H45K3N2O14S4
Molecular Weight:	1083.4
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-Cy7.5 carboxylic acid, a dye derivative of Cyanine 7.5 (Cy7.5), features carboxylic acid and sulfonate ion (sulfonate) functional groups. The presence of the sulfonate ion enhances the compound's water solubility, making it suitable for aqueous solutions. Cy7.5, a near-infrared fluorescent dye, is frequently employed in biomedical research, including biomarkers and cell imaging. This compound can be covalently bound to biomolecules (especially antibodies, proteins, etc.) to monitor their location and dynamic changes in biological samples.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.923 mL	4.6151 mL	9.2302 mL
5 mM	0.1846 mL	0.923 mL	1.846 mL
10 mM	0.0923 mL	0.4615 mL	0.923 mL
50 mM	0.0185 mL	0.0923 mL	0.1846 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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