

## Cyanine7.5 carboxylic

## Chemical Properties

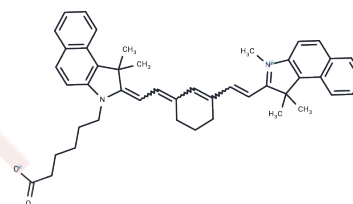
CAS No. : 1686147-68-1

Formula: C45H48N2O2

Molecular Weight: 648.87

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	Cyanine7.5 carboxylic, a dye derivative of Cyanine 7.5 (Cy7.5) with carboxylic acid functional groups, is a near-infrared fluorescent dye extensively utilized in biomedical research areas, including biomarkers and cell imaging. Cyanine7.5 carboxylic can covalently bind to biological molecules (especially antibodies, proteins, etc.) to track their location and dynamic changes in biological samples.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5411 mL	7.7057 mL	15.4114 mL
5 mM	0.3082 mL	1.5411 mL	3.0823 mL
10 mM	0.1541 mL	0.7706 mL	1.5411 mL
50 mM	0.0308 mL	0.1541 mL	0.3082 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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