

## Cyanine3.5 carboxylic acid

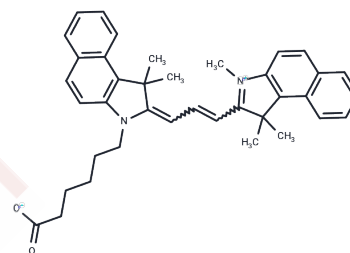
### Chemical Properties

CAS No. : 1144107-79-8

Formula: C<sub>38</sub>H<sub>40</sub>N<sub>2</sub>O<sub>2</sub>

Molecular Weight: 556.74

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	Cyanine3.5 carboxylic acid is a near-infrared fluorescent dye with a carboxylic acid group (-COOH). It can undergo condensation reaction with biological molecules containing amine groups (-NH <sub>2</sub> ) to form amide bonds (-CO-NH-), thereby achieving specific labeling of biological molecules such as proteins and peptides. It is widely used in the fields of biological imaging and fluorescence analysis.
Targets(IC50)	Others

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7962 mL	8.9809 mL	17.9617 mL
5 mM	0.3592 mL	1.7962 mL	3.5923 mL
10 mM	0.1796 mL	0.8981 mL	1.7962 mL
50 mM	0.0359 mL	0.1796 mL	0.3592 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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