

## Cyamine3.5 NHS ester

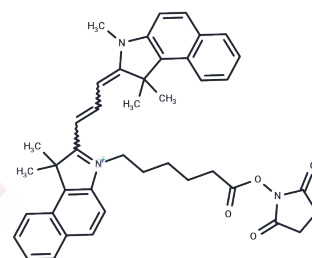
## Chemical Properties

CAS No. : 2231670-85-0

Formula: C<sub>42</sub>H<sub>44</sub>N<sub>3</sub>O<sub>4</sub>

Molecular Weight: 654.82

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	Cyamine3.5 NHS ester is a squaraine dye utilized in the development of fluorescent probes and biological labeling, characterized by its intermediate wavelength fluorescence emission properties. Specially designed for reactions with amino groups to form stable covalent bonds, it is ideal for labeling biomolecules. Ex/Em(nm)=591/604.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5271 mL	7.6357 mL	15.2714 mL
5 mM	0.3054 mL	1.5271 mL	3.0543 mL
10 mM	0.1527 mL	0.7636 mL	1.5271 mL
50 mM	0.0305 mL	0.1527 mL	0.3054 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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