

## Cyanine5.5 NHS ester (ethyl)

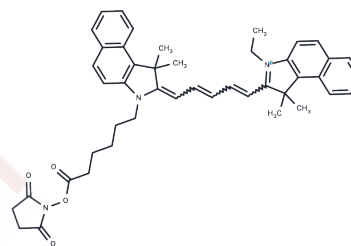
### Chemical Properties

CAS No. : 1376434-73-9

Formula: C45H48N3O4

Molecular Weight: 694.88

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	Cyanine5.5 NHS Ester (ethyl) is a far-red fluorescent dye with an N-hydroxysuccinimide (NHS) active group that can react with primary amines (-NH <sub>2</sub> ) in proteins, peptides or other biological molecules to achieve specific labeling. It is widely used in the fields of biological imaging and fluorescence analysis.
Targets(IC50)	Others

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4391 mL	7.1955 mL	14.391 mL
5 mM	0.2878 mL	1.4391 mL	2.8782 mL
10 mM	0.1439 mL	0.7195 mL	1.4391 mL
50 mM	0.0288 mL	0.1439 mL	0.2878 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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