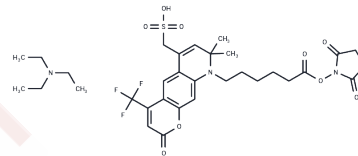


## AF430 NHS ester

## Chemical Properties

CAS No. : 467233-94-9  
 Formula: C<sub>32</sub>H<sub>42</sub>F<sub>3</sub>N<sub>3</sub>O<sub>9</sub>S  
 Molecular Weight: 701.75  
 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	AF430 NHS ester, a derivative of the yellow fluorescent dye AF 430, is an AF 430 maleimide with an excitation wavelength of 430 nm and an emission wavelength of 542 nm. AF430 NHS ester is used for labeling amino-groups in peptides, proteins, and oligonucleotides to achieve specific coupling of dye labels and biomolecules.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.425 mL	7.125 mL	14.2501 mL
5 mM	0.285 mL	1.425 mL	2.850 mL
10 mM	0.1425 mL	0.7125 mL	1.425 mL
50 mM	0.0285 mL	0.1425 mL	0.285 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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