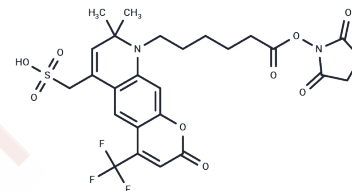


## BP Fluor 430 NHS ester

## Chemical Properties

CAS No. :	467233-93-8
Formula:	C <sub>26</sub> H <sub>27</sub> F <sub>3</sub> N <sub>2</sub> O <sub>9</sub> S
Molecular Weight:	600.561
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	BP Fluor 430 NHS Ester is a water-soluble green fluorescent dye commonly utilized in multicolor applications such as flow cytometry and super-resolution microscopy employing STORM. It is optimally excited by the krypton laser's 407 nm line or a 408 nm violet laser diode. BP Fluor 405 conjugates remain pH insensitive from pH 4 to pH 10. The NHS Ester (or succinimidyl ester) is most frequently used as an amine-reactive group for labeling primary amines in proteins (Lys), amine-modified oligonucleotides, and other amine-containing molecules. Proteins can be labeled with BP Fluor 430 NHS Ester at high molar ratios without significant self-quenching, resulting in brighter conjugates and more sensitive detection.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6651 mL	8.3256 mL	16.6511 mL
5 mM	0.333 mL	1.6651 mL	3.3302 mL
10 mM	0.1665 mL	0.8326 mL	1.6651 mL
50 mM	0.0333 mL	0.1665 mL	0.333 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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