

## AF 430 NHS Ester

**Article number:** KF-YG0778

**specification:** 1mg/5mg/25mg

### Product Application

AF 430 is a bright green fluorescent dye. AF 430 dye is used for stable signal generation in imaging and flow cytometry, water solubility and pH insensitivity (pH 4 to pH 10).

In addition to reactive dye formulations, we also offer AF 430 dyes that can be conjugated to a of antibodies, peptides, proteins, tracers, and amplification substrates, and are optimized for cell labeling and detection.

The NHS ester (or succinimidyl ester) of430 is the most commonly used tool for conjugating this dye to proteins or antibodies. NHS esters can be used to label the primary amines (R-NH<sub>2</sub>) of, amine-modified oligonucleotides, and other amine-containing molecules. The resulting AF-conjugates will exhibit brighter fluorescence and higher photostability than conjugates of other spectrally similarophores.

### Transportation and storage





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Transport conditions: Cold

Storage conditions: -20° C, dry, protected from light.

