

## AF 594 NHS Ester\*mixed isomers\*

**Article number:** KF-YG0719

**specification:** 1mg/5mg/10mg

### Product Application

AF 594 is a bright red dye that can be used for imaging and flow cytometry, with good water solubility and insensitivity to pH (4 - pH 10). In addition to the free dye, AF594 conjugates are available for coupling with a variety of antibodies, peptides, proteins, tracers, amplification substrates to optimize cell labeling and detection. The NHS ester (or succinimidyl ester) of AF 594 is a commonly used tool for coupling the dye proteins or antibodies. The NHS ester can be used to label primary amines (R-NH<sub>2</sub>) on proteins, amine-modified oligonucleotides, and other amine-containing molecules. resulting AF conjugates will exhibit brighter fluorescence and higher photostability than conjugates of other spectrally similar fluorophores.

### Transportation and storage

Transport conditions: Cold

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

