

AF 660 NHS Ester

Article number: KF-YG0695

specification: 5mg/25mg/50mg

Product Application

AF 660 is a bright and photostable far-red dye with an excitation spectrum well-suited for 633 or 647 nm laser lines. AF 660 dye is used in imaging and flow cytometry to generate stable signals, and is water-soluble and pH-insensitive (pH4 to pH 10). The fluorescence of this long-wavelength AF dye is invisible to the human eye, but is easily detected by most imaging systems. In addition to reactive formulations, we offer AF 660 dyes that can be conjugated to a variety of antibodies, peptides, proteins, tracers, and amplification substrates, and are optimized for cell labeling detection. The NHS ester (or succinimidyl ester) of AF660 is the most commonly used tool for conjugating this dye to proteins or antibodies. The ester can be used to label primary amines (R-NH₂) on proteins, amine-modified oligonucleotides, and other amine-containing molecules. The resulting AF conjugates will exhibit fluorescence and higher photostability than conjugates of other spectrally similar fluorophores.





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Storage and transportation

Transport conditions: Cold

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

