

AF 405 NHS Ester

Article number: KF-YG0787

specification: 1mg/5mg/25mg

Product Application

AF405 is a blue fluorescent dye, best used with a 405 nm violet laser. AF 405 dyes are used to stable signals in imaging and flow cytometry, are water-soluble in the pH range of 4 to 10, and are insensitive to pH. The NHS ester of AF45 is the most commonly used tool for conjugating this dye to proteins or antibodies. The ester can be used to label the primary amines (R-NH₂) of proteins, -modified oligonucleotides, and other amine-containing molecules. The 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.

