

XFD 514 NHS ester

Catalog number: 1818

Unit size: 1 mg

Product Details

Storage Conditions Freeze (<-15 °C), Minimize light exposure

Expiration Date 12 months upon receiving

Chemical Properties

Appearance Solid

Molecular Weight 916.07

Soluble In DMSO

Spectral Properties

Excitation Wavelength 518 nm

Emission Wavelength 543 nm

Applications

XFD514 NHS ester is manufactured by AAT Bioquest, and it has the same chemical structure to Alexa Fluor® 514 NHS ester (Alexa Fluor® is the trademark of ThermoFisher). It is a bright yellow-fluorescent dye that can be used to replace rhodamine 6G with dramatically improved water solubility. XFD514 dye is water soluble and pH-insensitive from pH 4 to pH 10. The NHS ester (or succinimidyl ester) of XFD514 is the most convenient amine-reactive form for conjugating Alexa Fluor® 514 to a protein or antibody.