

XFD594 NHS Ester *Same Structure to Alexa Fluor™ 594 NHS Ester*Catalog number: 1830, 71908
Unit size: 1 mg, 5 mg**Product Details**

Storage Conditions	Freeze (<-15 °C), Minimize light exposure
Expiration Date	12 months upon receiving

Chemical Properties

Appearance	Purple solid
Molecular Weight	819.85
Soluble In	DMSO

Spectral Properties

Excitation Wavelength	590 nm
Emission Wavelength	618 nm

Applications

XFD594 NHS Ester (Succinimidyl Ester) is the same molecule to the Alexa Fluor® 594 NHS Ester (Alexa Fluor® is the trademark of ThermoFisher). It is a bright red-fluorescent dye optimal for use with the frequency-doubled He-Ne laser line. XFD594 dye is water soluble and pH-insensitive from pH 4 to pH 10. The NHS ester (or succinimidyl ester) of XFD594 is the most convenient amine-reactive form for conjugating this dye to a protein or antibody.