

XFD488 NHS Ester *Same Structure to Alexa Fluor™ 488 NHS Ester*Catalog number: 1812, 71902
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 | Red solid |
| Molecular Weight | 643.40 |
| Soluble In | DMSO |

Spectral Properties

| | |
|-----------------------|--------|
| Excitation Wavelength | 499 nm |
| Emission Wavelength | 520 nm |

Applications

XFD488 NHS Ester (Succinimidyl Ester) is the same molecule to the Alexa Fluor® 488 NHS Ester (Alexa Fluor® is the trademark of ThermoFisher). It is a bright green-fluorescent dye optimal for use with the 488 nm Argon laser. XFD488 dye is water soluble and pH-insensitive from pH 4 to pH 10. The NHS ester (or succinimidyl ester) of XFD488 is the most convenient amine-reactive form for conjugating this dye to a protein or antibody.