

**XFD568 NHS Ester \*Same Structure to Alexa Fluor™ 568 NHS Ester\***Catalog number: 1823, 71907  
Unit size: 1 mg, 5 mg**Product Details**

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

**Chemical Properties**

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Appearance	Purple Solid
Molecular Weight	791.80
Soluble In	DMSO

**Spectral Properties**

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Excitation Wavelength	579 nm
Emission Wavelength	603 nm

**Applications**

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XFD568 is manufactured by AAT Bioquest, and it has the same chemical structure of Alexa Fluor® 568 (Alexa Fluor® is the trademark of ThermoFisher). It is a bright orange-fluorescent dye optimal for use with the frequency-doubled Nd:YAG laser line. XFD568 dye is water soluble and pH-insensitive from pH 4 to pH 10. The NHS ester (or succinimidyl ester) of XFD568 is the most convenient amine-reactive form for conjugating this dye to a protein or antibody.