

**XFD647 maleimide \*C2, XFD647 Same  
Structure to Alexa Fluor™ 647\***Catalog number: 1895  
Unit size: 1 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	Blue solid
Molecular Weight	1095.15
Soluble In	DMSO

**Spectral Properties**

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Excitation Wavelength	650 nm
Emission Wavelength	671 nm

**Applications**

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XFD647 is manufactured by AAT Bioquest, and it has the same chemical structure of Alexa Fluor® 647 (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. XFD647 dye is water soluble and pH-insensitive from pH 4 to pH 10. The maleimide of XFD647 is the most convenient thiol-reactive form for conjugating this dye to a protein or antibody.