

**XFD594 C5 Maleimide \*Same Structure to  
Alexa Fluor™ 594 C5 Maleimide\***Catalog number: 1891  
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	Purple solid
Molecular Weight	908.97
Soluble In	DMSO

**Spectral Properties**

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Excitation Wavelength	590 nm
Emission Wavelength	618 nm

**Applications**

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XFD594 C5 Maleimide is the same molecule to Alexa Fluor® 594 C5 Maleimide (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 C5 maleimide of XFD594 is the most convenient thiol-reactive form for conjugating this dye to a protein or antibody.