

**XFD488 alkyne \*Same Structure to Alexa Fluor™ 488 alkyne\***Catalog number: 1700  
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	Orange solid
Molecular Weight	773.92
Soluble In	DMSO

**Spectral Properties**

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Excitation Wavelength	499 nm
Emission Wavelength	520 nm

**Applications**

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The fluorescent dye alkynes react with azides via a copper-catalyzed click reaction (CuAAC). This click chemistry is increasingly being used in a variety of biological applications. XFD488 alkyne has the same chemical structure to Alexa Fluor® 488 alkyne (Alexa Fluor® is the Trademark of ThermoFisher Scientific). XFD488 alkyne is reactive with terminal alkynes via a copper-catalyzed click reaction as a bio-orthogonal or biologically unique hapten for use in applications requiring signal amplification.