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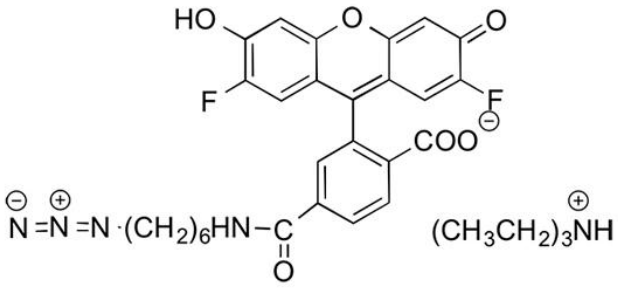
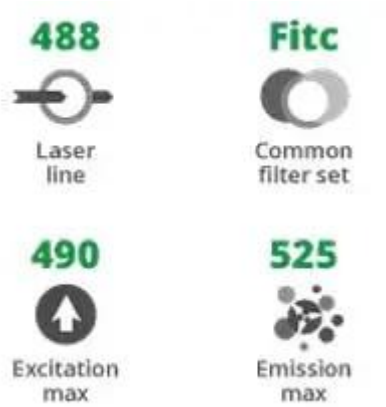
DIFLUOROCARBOXYFLUORESCEIN AZIDE, 6-ISOMER

SKU: FP-1225



DESCRIPTION



2′, 7′-Difluorocarboxyfluorescein Azide, 6-isomer (also under Oregon Green 488 Azide (Oregon Green™ 6-Carboxamido-(6-Azidohexanyl), Triethylammonium Salt), 6-isomer name) is a bright, green-fluorescent azide-activated probe that reacts with terminal alkynes via a copper-catalyzed click reaction (CuAAC). It also reacts with strained cyclooctyne via a copper-free click chemistry reaction to form a stable triazole and does not require Cu-catalyst or elevated temperatures.

2′,7′-Difluorocarboxyfluorescein fluorinated analog of fluorescein that overcomes some of the key limitations of fluorescein, including greater photostability and a lower pKa (pKa ~ 4.7 versus

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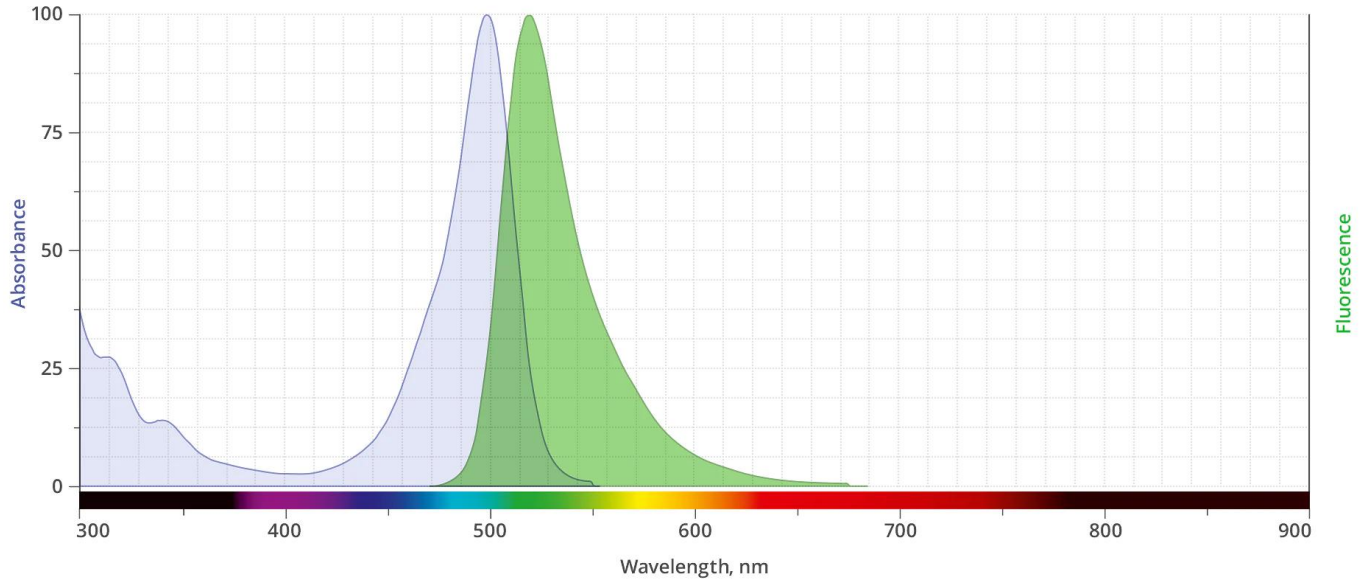
6.4 for fluorescein), making its fluorescence essentially pH insensitive in the physiological pH range.

SPECIFICATIONS

Molecular Weight	637.68
Extinction Coefficient	78,000 cm-1M-1
Reactivity	Alkynes, cyclooctynes
Unit Size	1 mg, 5 mg, 25 mg, 100 mg
Solubility	DMSO, DMF
Storage Instructions	-20°C.
Spectrally Similar Dyes	Alexa Fluor® 488, DyLight® 488, Fluorescein, Oregon Green 488
Excitation/Emission Maximum	496/524 nm
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

ABS/EM SPECTRA



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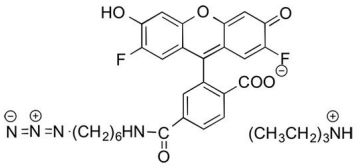
DOCUMENTS

- Safety Data Sheet
- Datasheet

GALLERY IMAGES



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