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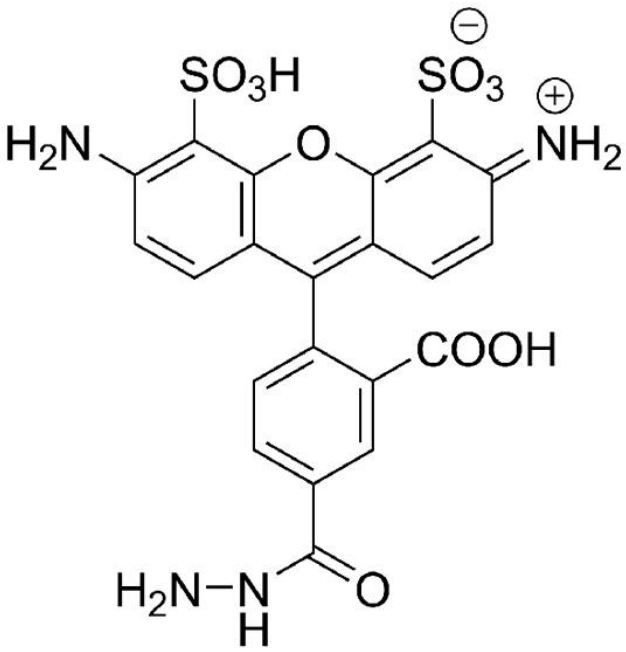
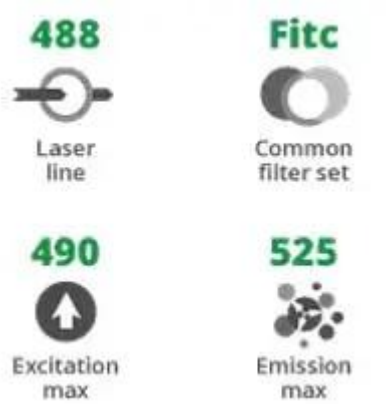
AZDYE 488 HYDRAZIDE

SKU: FP-1017



DESCRIPTION



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AZDye™ 488 Hydrazide is a bright, green-fluorescent dye that often used for labeling aldehydes or ketones in polysaccharides or glycoproteins. AZDye™ 488 Hydrazide is useful as low molecular weight, membrane-impermeant, aldehyde-fixable cell tracers, exhibiting brighter fluorescence and greater photostability than cell tracers derived from other spectrally similar fluorophores.

AZDye™ 488 is a bright, highly photostable, green-fluorescent probe optimally excited by the 488 nm laser line. This probe is water-soluble and its fluorescence is pH independent over a wide pH range. The brightness and photostability of AZDye™ 488 dyes are best suited to direct imaging of low-abundance targets.

SPECIFICATIONS

Molecular Weight	548.50 (protonated)
Extinction Coefficient	73,000 cm-1M-1
Reactivity	Aldehyde, ketone,
Unit Size	1 mg, 5 mg, 25 mg
Solubility	Water, DMSO, DMF
Storage Instructions	-20°C.
Spectrally Similar Dyes	Alexa Fluor® 488, DyLight® 488, Fluorescein, Oregon Green 488
Excitation/Emission Maximum	494/517 nm
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

ABS/EM SPECTRA

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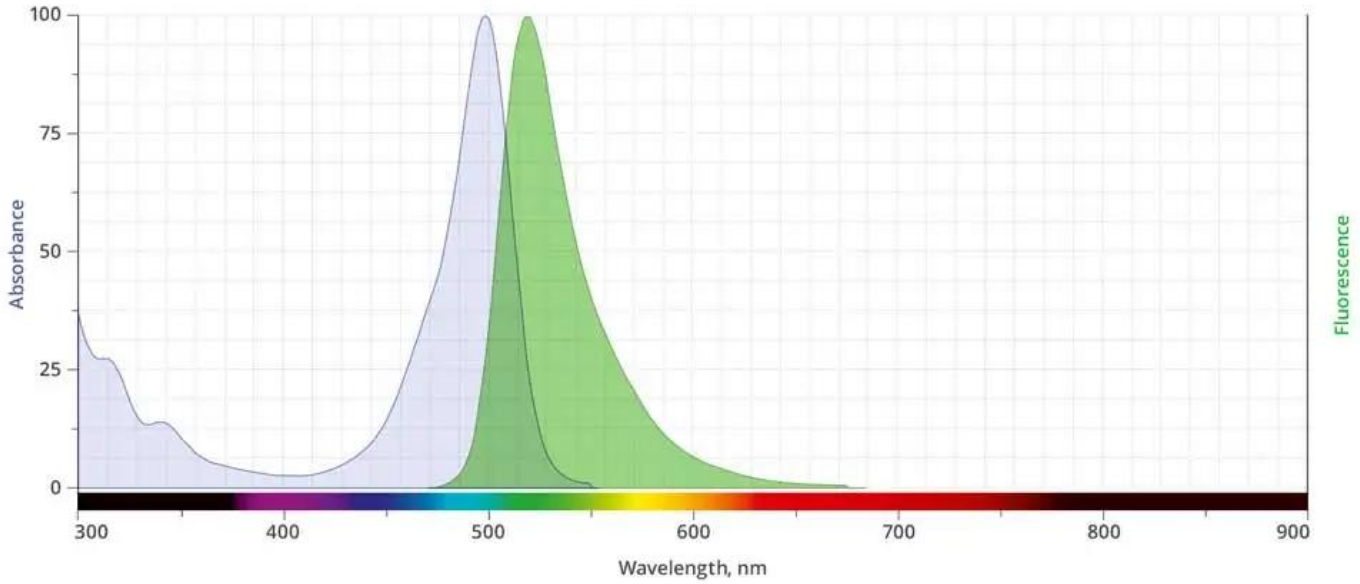
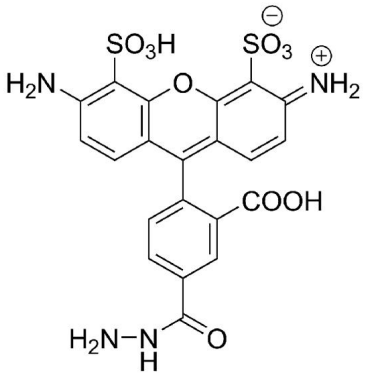


DOCUMENTS

- Safety Data Sheet
- Datasheet

GALLERY IMAGES



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