www.vectorlabs.com
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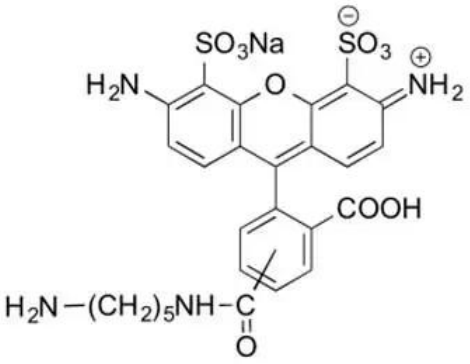
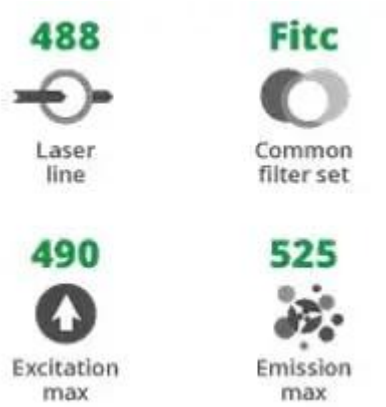
AZDYE 488 CADAVERINE

SKU: FP-1015



DESCRIPTION



AZDye™ 488 Cadaverine is a carbonyl reactive building block used to modify carboxylic groups in the presence of activators (e.g. EDC or DCC) or activated esters (e.g. NHS esters) through a stable amide bond. It also can be employed as a polar tracer and as a reactive dye for labeling proteins via a carboxylic acid moiety.

AZDye™ 488 is a water-soluble, bright, green-fluorescent dye with excitation ideally suited to

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the 488 nm laser line. Its green fluorescence is pH independent from pH 4 to pH 10. AZDye™ 488 can be conjugated to a variety of antibodies, peptides, proteins, tracers, and amplification substrates which are often used for generation of stable signals in imaging and flow cytometry.

AZDye™ 488 Cadaverine is structurally identical to Alexa Fluor® 488 Cadaverine. Its absorption/emission spectra is a perfect match to spectra of many other fluorescent dyes based on sulfonated rhodamine 110 core, including CF®488 Dye, DyLight® 488 and Alexa Fluor® 488.

SPECIFICATIONS

Molecular Weight	618.63 (protonated)
Extinction Coefficient	73,000 cm-1M-1
Reactivity	Aldehydes, carboxylic acid, ketones
Unit Size	1 mg, 5 mg, 25 mg, 100 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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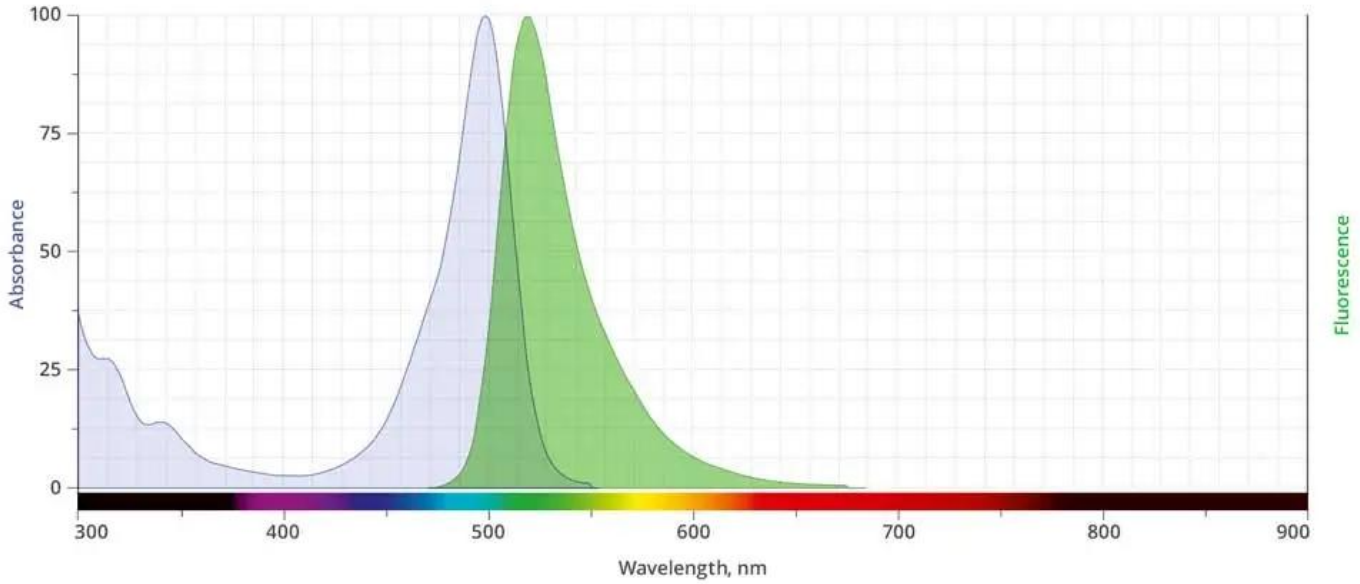
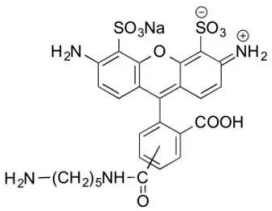


DOCUMENTS

- Safety Data Sheet
- Download CoA
- Datasheet

GALLERY IMAGES



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