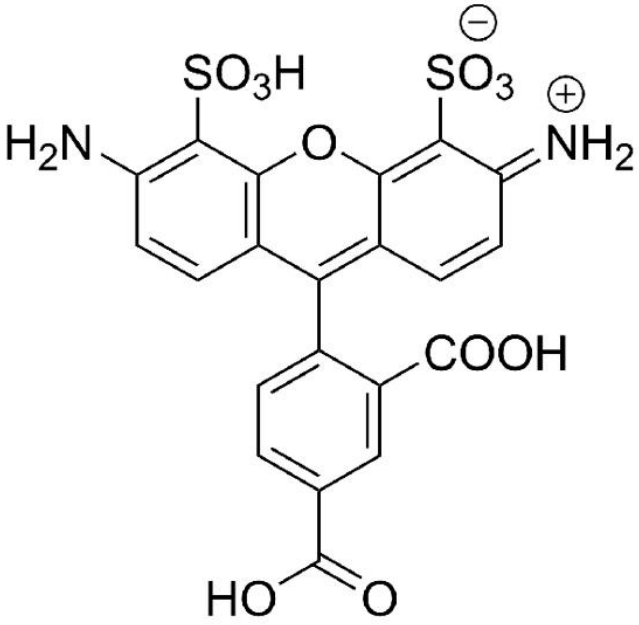
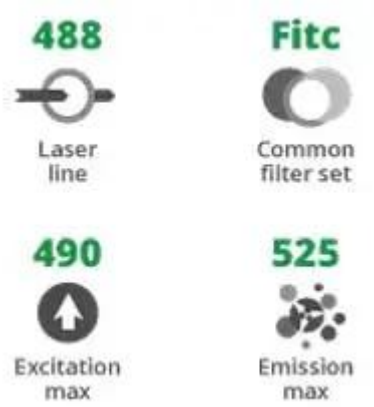
www.vectorlabs.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

AZDYE 488 ACID

SKU: FP-1012



DESCRIPTION



AZDye™ 488 is a water-soluble, highly photostable dye with a very high fluorescence quantum yield. AZDye™ 488 is green-emitting dye with excitation ideally

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suited for the 488 nm line. Its fluorescence is pH independent from pH 4 to pH 10.

AZDye™ 488 Acid often used for the preparation of custom activated esters that often are not commercially available. Examples of such activated esters include sulfo-NHS, TFP (2,3,5,6-Tetrafluorophenol), and STP (4-Sulfo-2,3,5,6-Tetrafluorophenol, Sodium Salt). Another common application for the non-activated carboxylic acid is peptide modification during solid phase synthesis, which usually requires in-situ activation with peptide coupling regents, e.g. HATU.

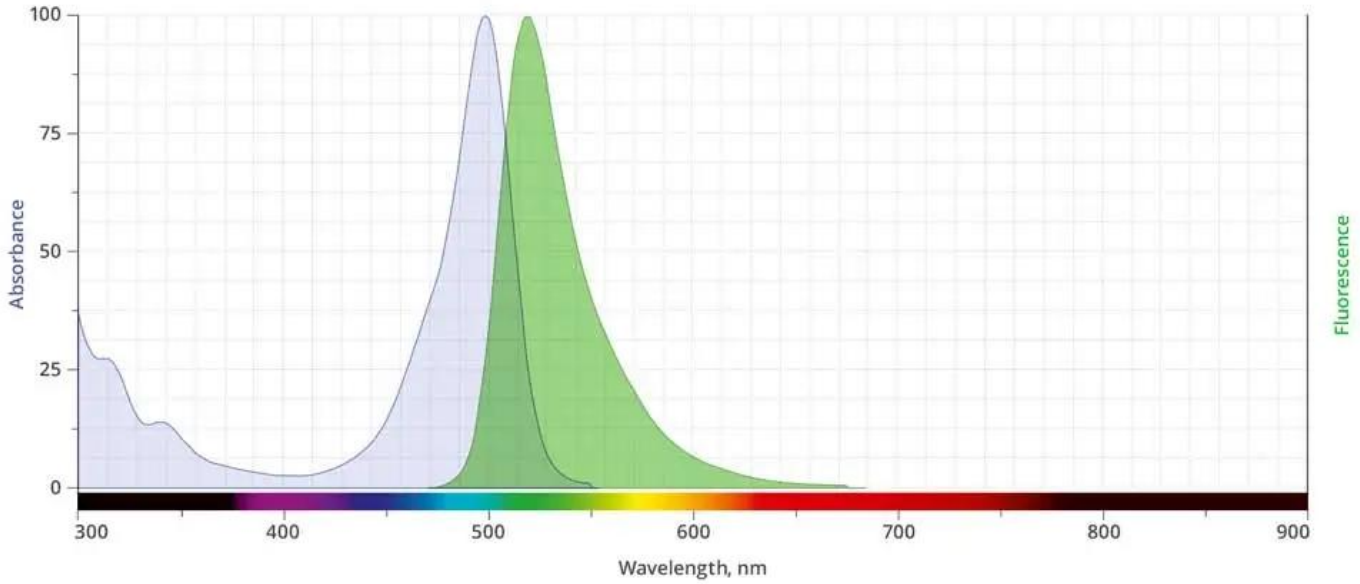
SPECIFICATIONS

Molecular Weight	838.05
Molecular Formula	C39H59N5O11S2
Chemical Formula	C39H59N5O11S2
Extinction Coefficient	73,000 cm-1M-1
Reactivity	Primary amines
Unit Size	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 nm / 517 nm
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

ABS/EM SPECTRA

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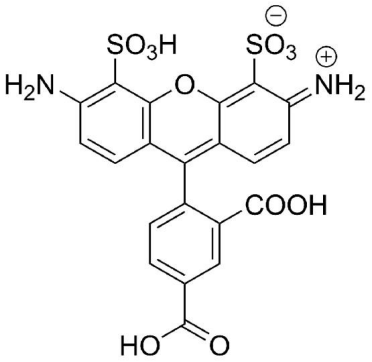
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DOCUMENTS

- Safety Data Sheet
- Datasheet

GALLERY IMAGES



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