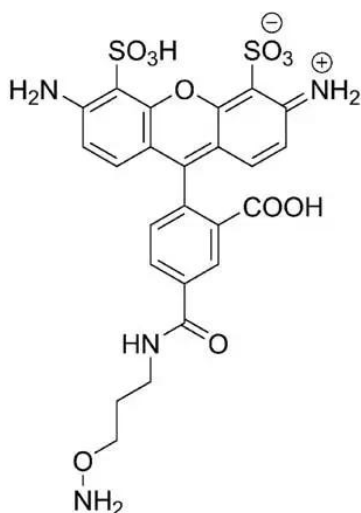


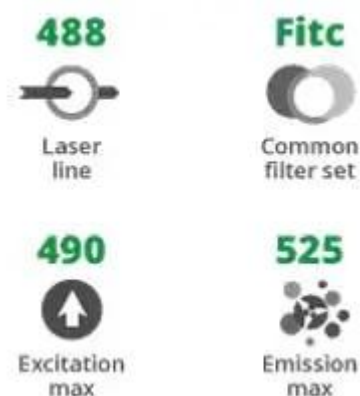


AZDYE 488 HYDROXYLAMINE

SKU: FP-1016



DESCRIPTION



AZDye 488 Hydroxylamine (aminooxy) reacts with aldehydes and ketones to yield oximes. Oximes are superior to hydrazones with respect to hydrolytic stability. AZDye 488 Hydroxylamine often used as membrane-impermeant, aldehyde-fixable cell tracers as well as reactive dye for

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labeling aldehydes or ketones in polysaccharides or glycoproteins.

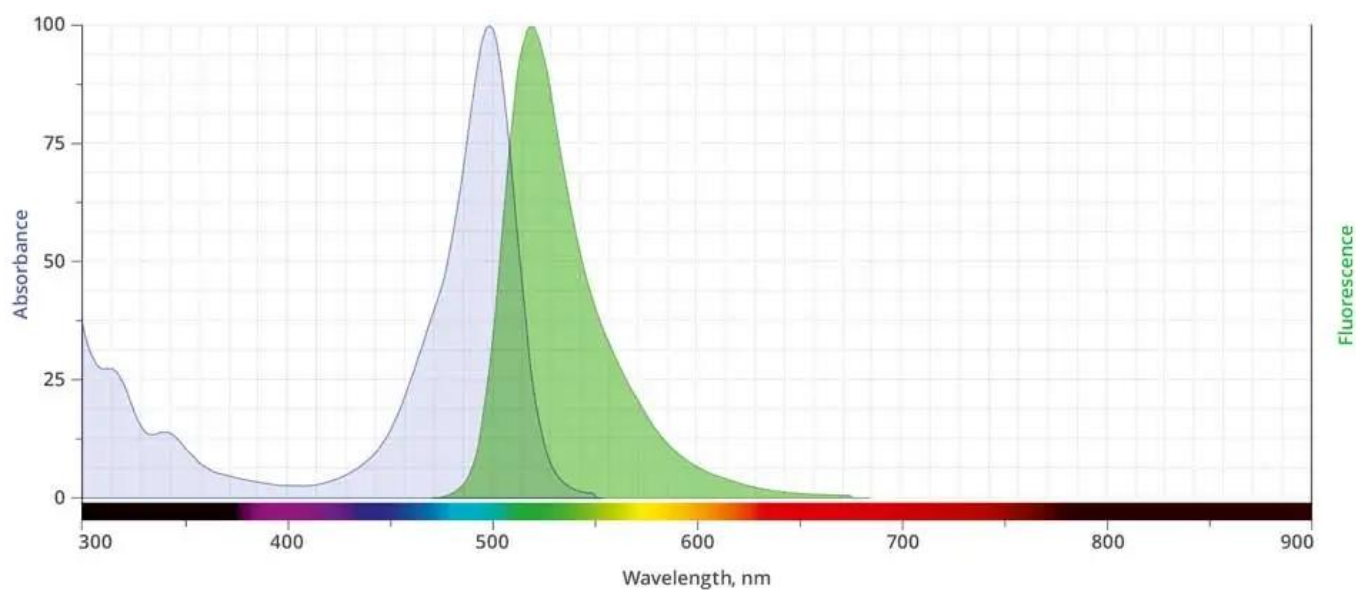
AZDye™ 488 (Alexa Fluor® 488 equivalent) is a bright, highly photostable, green-fluorescent probe optimally excited by the 488 nm laser line. This probe is water-soluble and its fluorescence is pH independent over a wide pH range. The brightness and photostability of AZDye™ 488 dyes are best suited to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

SPECIFICATIONS

Molecular Weight	606.58 (protonated)
Extinction Coefficient	73,000 cm ⁻¹ M ⁻¹
Reactivity	Aldehyde, ketone
Unit Size	1 mg, 5 mg, 25 mg, 100 mg
Solubility	Water, DMSO, DMF
Storage Instructions	-20°C.
Spectrally Similar Dyes	Alexa Fluor® 488, CF™ 488
Excitation/Emission Maximum	494/517 nm
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

ABS/EM SPECTRA

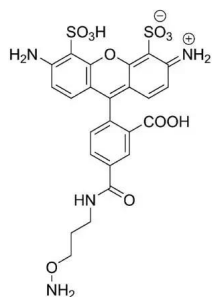
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DOCUMENTS

- [Safety Data Sheet](#)
- [Datasheet](#)

GALLERY IMAGES



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