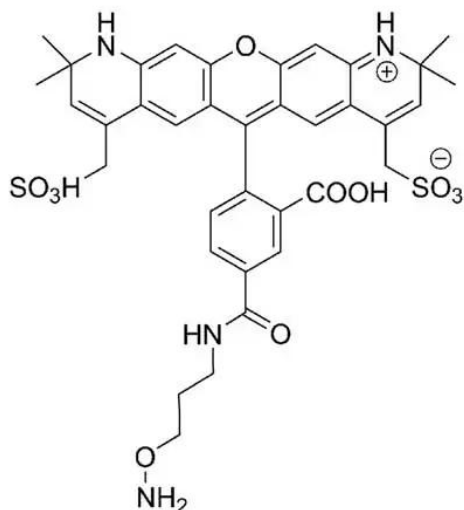
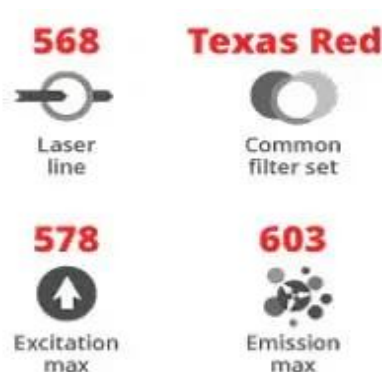


AZDYE 568 HYDROXYLAMINE

SKU: FP-1092



Description

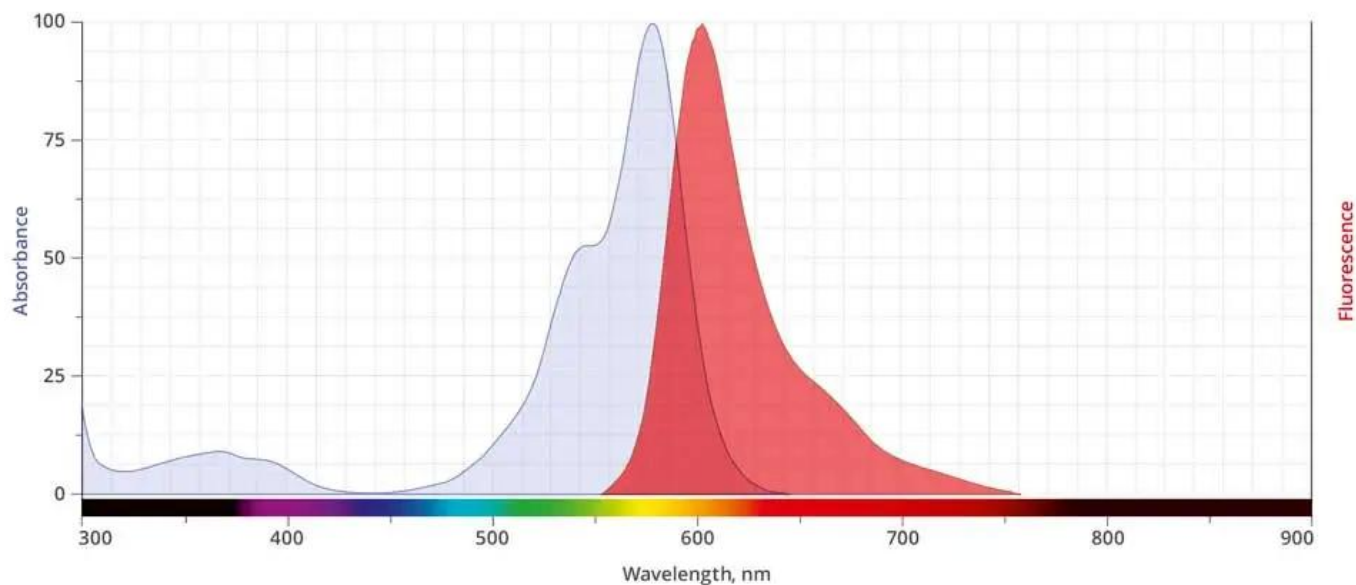


AZDye 488 Hydroxylamine (aminoxy) reacts with aldehydes and ketones to yield oximes. Oximes are superior to hydrazones with respect to hydrolytic stability. AZDye 568 Hydroxylamine often used as membrane-impermeant, aldehyde-fixable cell tracers as well as reactive dye for labeling aldehydes or ketones in polysaccharides or glycoproteins.

AZDye™ 568 is a bright, and highly photostable, orange-fluorescent probe optimally excited by the 568 nm laser line on the Ar-Kr mixed-gas laser. This probe is water-soluble and its fluorescence is pH independent over a wide pH range. The brightness and photostability of this

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dye are best suited to direct imaging of low-abundance targets.



Abs/Em Spectra

Specifications

Unit Size	1 mg, 5 mg, 25 mg
Reactivity	Aldehyde, ketone
Abs/Em Maxima	578/602 nm
Extinction coefficient	93,000 cm ⁻¹ M ⁻¹
Solubility	Water, DMSO, DMF
Spectrally similar dyes	Alexa Fluor® 568, CF™ 568
Molecular weight	766.84 (protonated)
Storage Conditions	-20°C.
Shipping Conditions	Ambient temperature

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