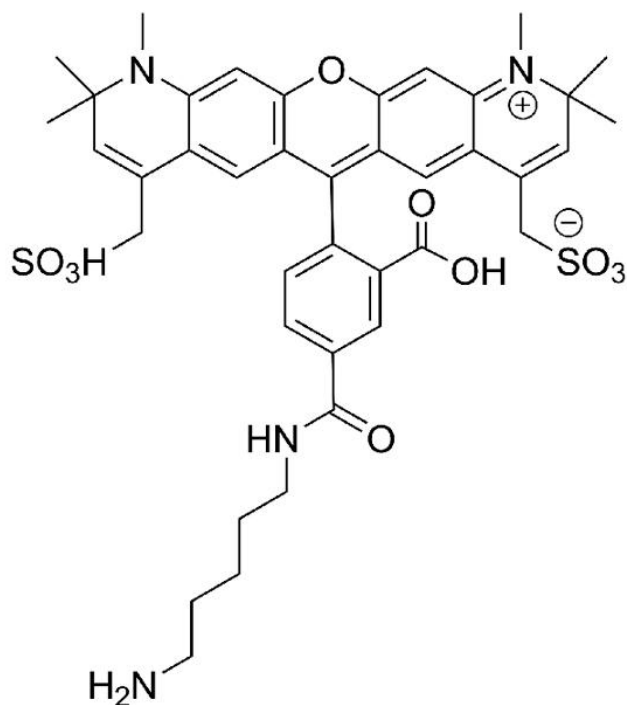




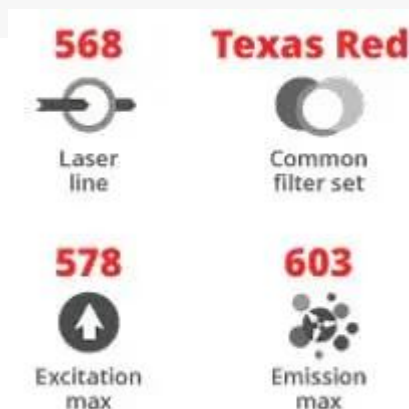
AZDYE 594 CADAVERINE

SKU: FP-1103



DESCRIPTION

For research use only. Not intended for therapeutic or diagnostic use in animals or humans.



AZDye™ 594 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™ 594 is bright, water-soluble, and pH-insensitive from pH 4 to pH 10 red-fluorescent dye with absorption and emission maxima at 590 and 617 nm, respectively. It can be used with the 561 nm and 594 nm laser lines. AZDye™ 594 dye conjugated to a variety of antibodies, peptides, proteins, tracers, and amplification substrates often used for generation of stable signal in imaging and flow cytometry.

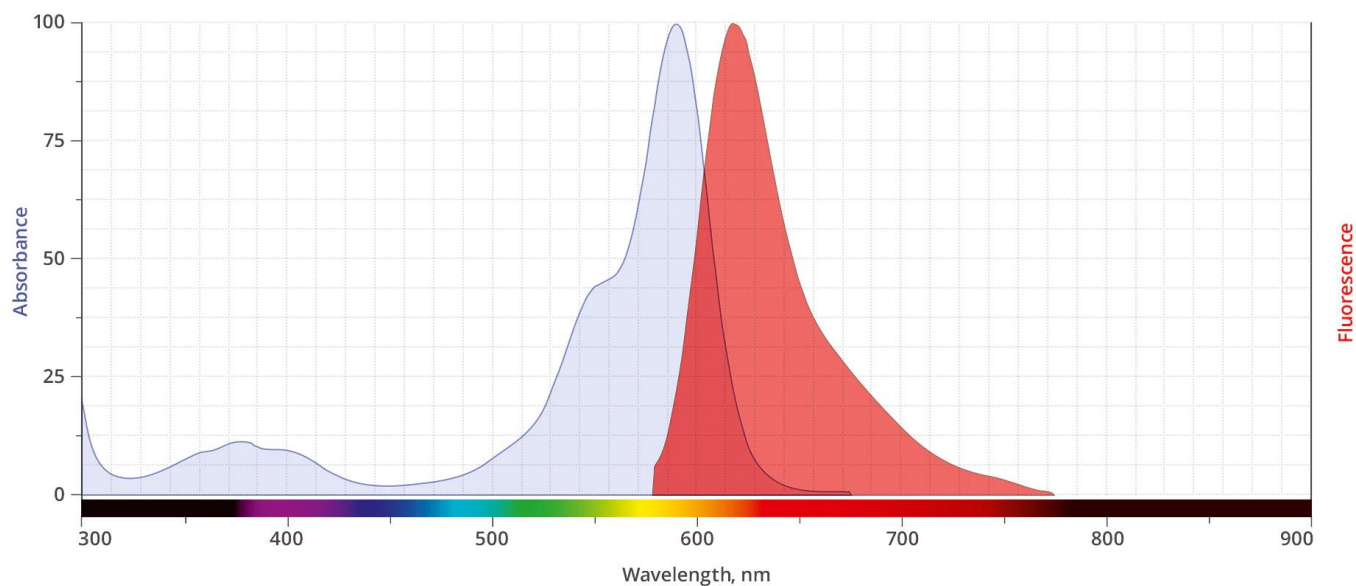
SPECIFICATIONS

Molecular Weight	806.95
Extinction Coefficient	92,000 cm ⁻¹ M ⁻¹
Reactivity	Primary amine
Unit Size	1 mg, 5 mg, 25 mg, 100 mg
Solubility	Water, DMSO, DMF
Storage Instructions	-20°C.
Spectrally Similar Dyes	Alexa Fluor® 594, CF™ 594, DyLight® 594
Excitation/Emission Maximum	590/617 nm
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

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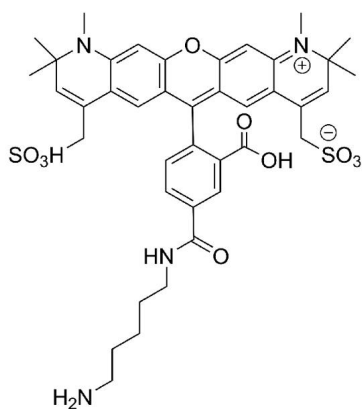
ABS/EM SPECTRA



DOCUMENTS

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

GALLERY IMAGES



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[AZDye 594 Cadaverine](#)

<https://vectorlabs.com/products/azdye-594-cadaverine/>