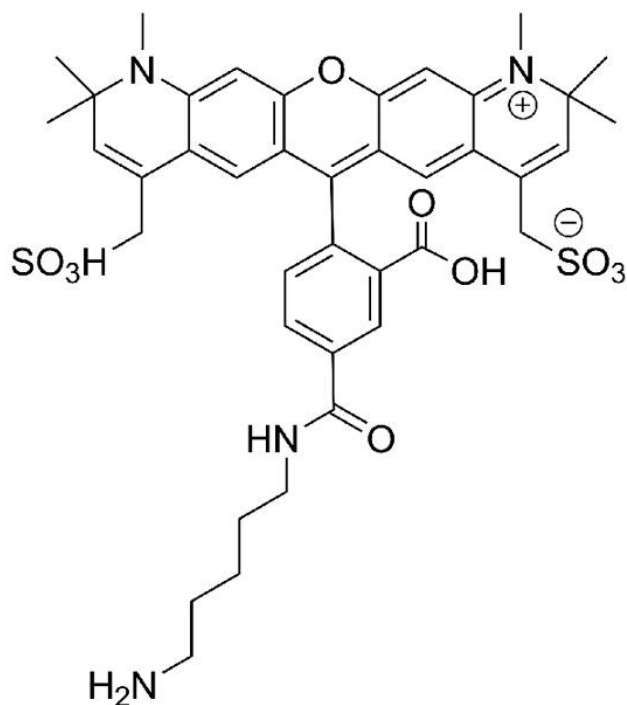


AZDYE 594 CADAVERINE

SKU: FP-1103



Description

568



Laser
line

Texas Red



Common
filter set

578



Excitation
max

603



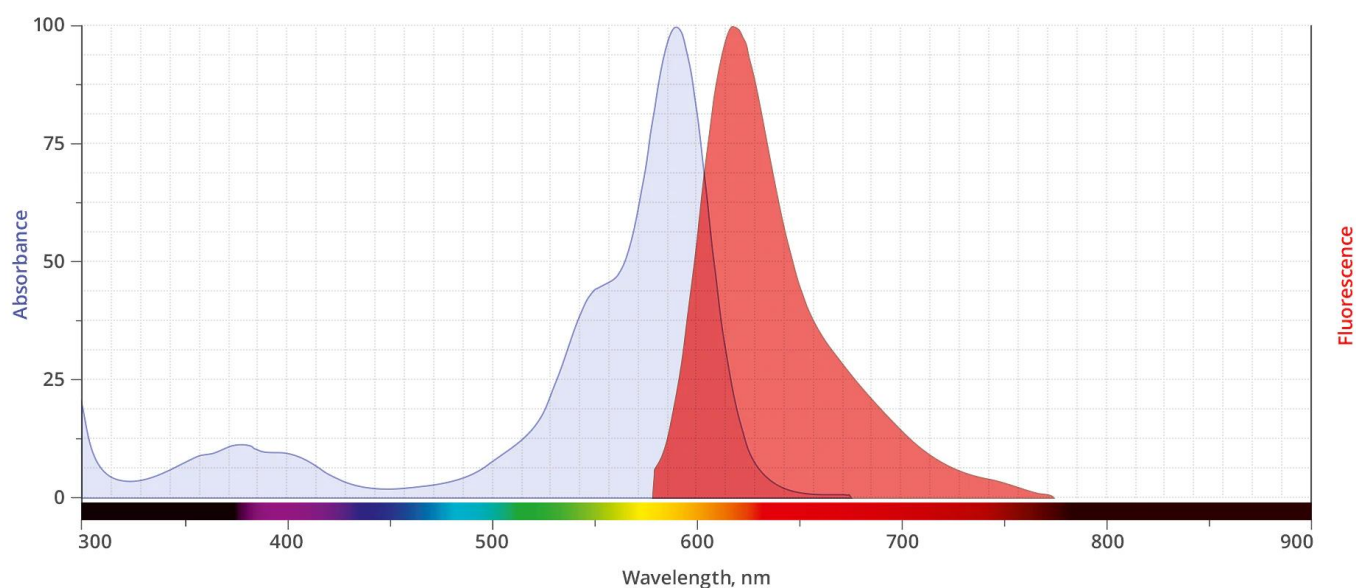
Emission
max

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

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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, prot



Abs/Em Spectra

Specifications

Unit Size	1 mg, 5 mg, 25 mg, 100 mg
Reactivity	Primary amine
Abs/Em Maxima	590/617 nm
Extinction coefficient	92,000 cm ⁻¹ M ⁻¹
Solubility	Water, DMSO, DMF
Spectrally similar dyes	Alexa Fluor® 594, CF™ 594, DyLight® 594
Molecular weight	806.95
Storage Conditions	-20°C.
Shipping Conditions	Ambient temperature

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