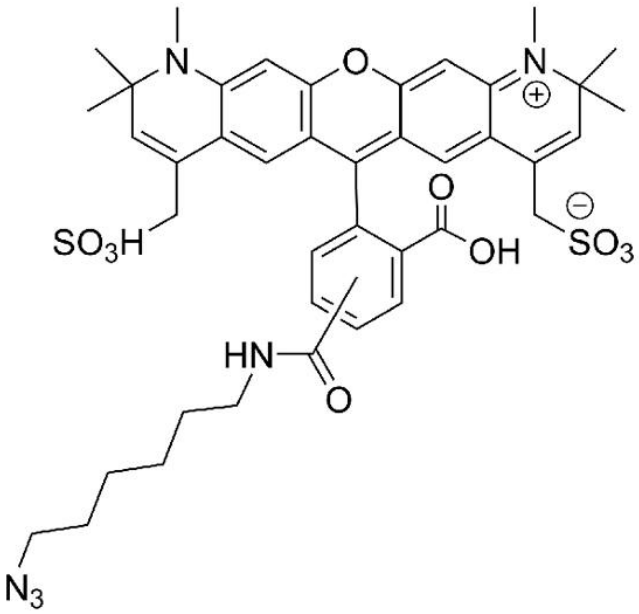
www.vectorlabs.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

AZDYE 594 AZIDE

SKU: CCT-1295



DESCRIPTION

AZDye™ 594 Azide is a bright, red-fluorescent azide-activated probe that reacts with terminal alkynes via a copper-catalyzed click reaction (CuAAC). It also reacts with strained cyclooctyne via a copper-free click chemistry reaction to form a stable triazole and does not require Cu-catalyst or elevated temperatures. AZDye™ 594 is well suited for the 561 nm and 594 nm laser lines of the Ar-Kr mixed-gas laser.

AZDye™ 594 Azide dye structurally is identical to Alexa Fluor® 594 Azide. Its absorption/emission spectra is a perfect match to spectra of many other fluorescent dyes based on sulfonated rhodamine core, including CF®594 Dye, DyLight® 594 and Alexa Fluor® 594.

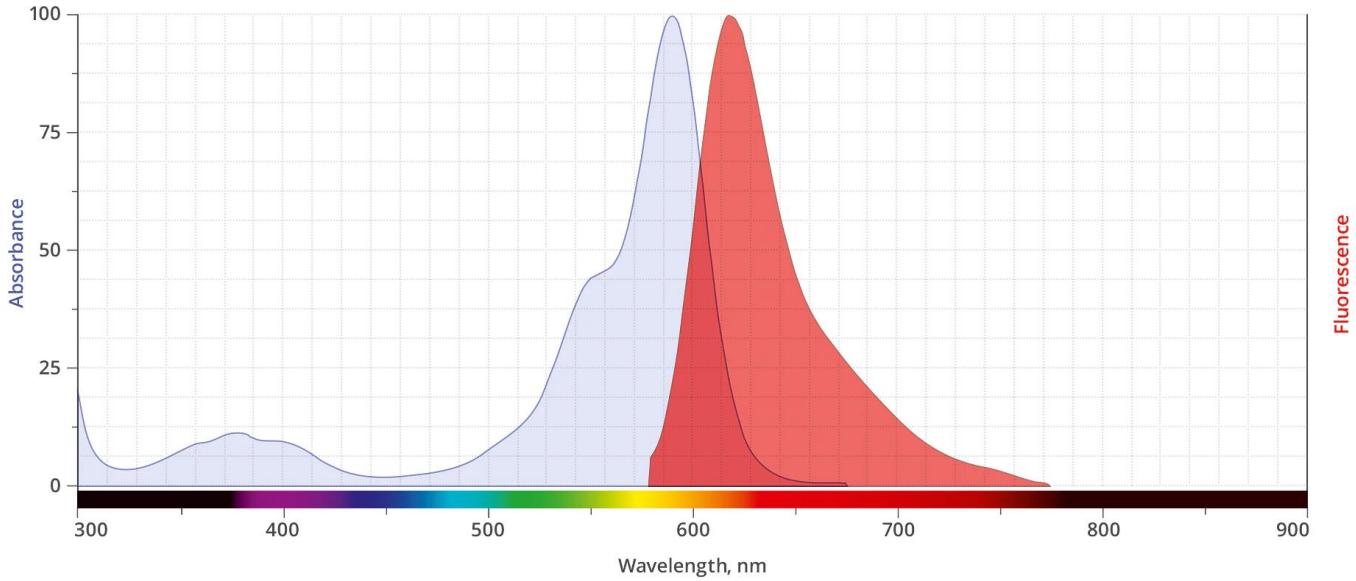
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SPECIFICATIONS

CAS Number	N/A
Molecular Weight	846.97 (protonated)
Appearance	Red solid
Extinction Coefficient	88,000
Purity	>95% (HPLC)
Unit Size	1 mg, 5 mg, 25 mg
Solubility	Water, DMSO, DMF
Storage Instructions	-20°C. Desiccate
Spectrally Similar Dyes	Alexa Fluor® 594, CF® 594, DyLight® 594
Laser Line	561 nm or 594 nm
Excitation/Emission Maximum	590/617 nm
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

ABS/EM SPECTRA



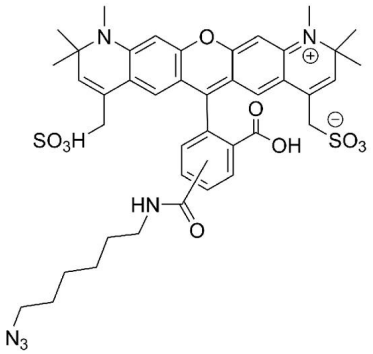
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DOCUMENTS

- Safety Data Sheet
- Download CoA
- Datasheet

GALLERY IMAGES



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