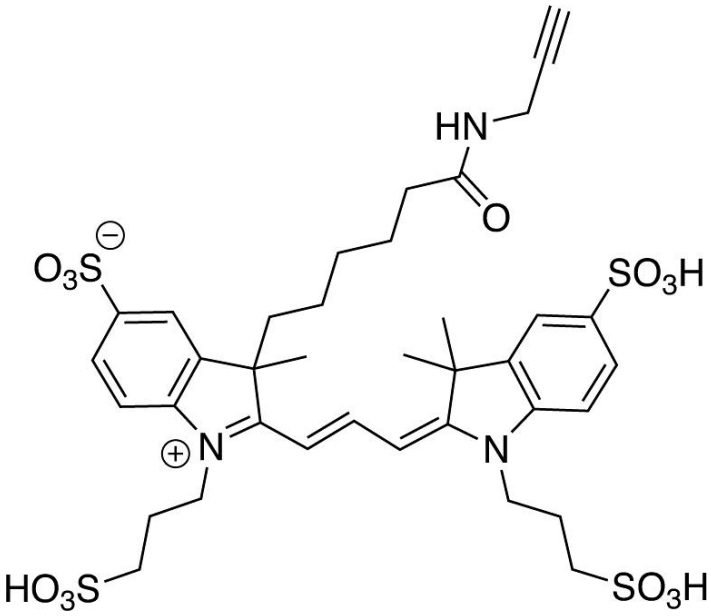
www.vectorlabs.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

AZDYE 555 ALKYNE

SKU: CCT-1289



DESCRIPTION

AZDye™ 555 Alkyne is a water-soluble, bright, orange-fluorescent dye with excitation ideally suited for the 532 nm or 555 nm laser lines and visualized with TRITC (tetramethylrhodamine) filter sets. AZDye™ 555 Alkyne reacts with azides via a copper-catalyzed click reaction (CuAAC) to form a stable triazole linker.

AZDye™ 555 is structurally similar to Alexa Fluor® 555, and spectrally is almost identical to Cy3 Dye, Alexa Fluor® 555, CF® 555 Dye, or any other Cyanine3 based fluorescent dyes. AZDye™ 555 Alkyne can be used as less expensive alternative to Alexa Fluor® 555 Alkyne.

For application where the presence of copper is not acceptable, please consider our AZDye™ 555 DBCO or Cy3 DBCO probes for copper-less detection of azide-modified molecules.

Alexa Fluor® 555 is a registered trademark of Thermo Fisher Scientific. CF® Dye is a registered trademark of Biotium, Inc

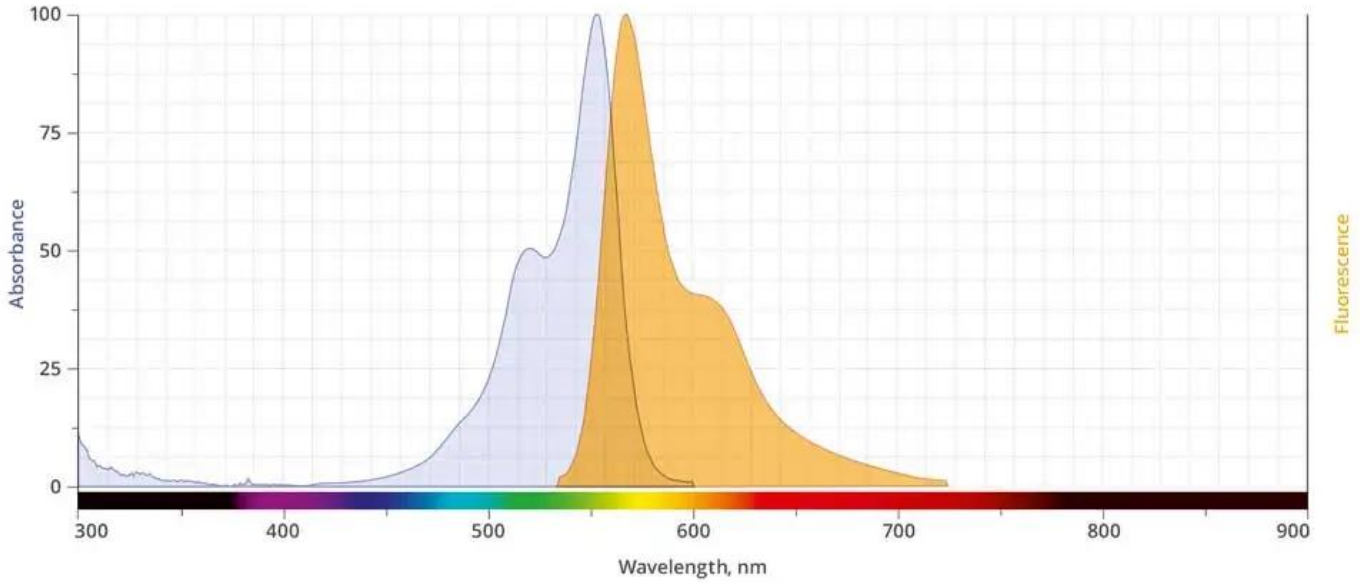
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SPECIFICATIONS

CAS Number	N/A
Molecular Weight	870.03
Molecular Formula	C37H47N3O13S4
Appearance	Red solid
Chemical Formula	C37H47N3O13S4
Extinction Coefficient	155,000
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® 555, CF® 555, DyLight® 549, Cy3 Dye
Laser Line	532 nm or 555 nm
Excitation/Emission Maximum	555/572 nm
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

ABS/EM SPECTRA



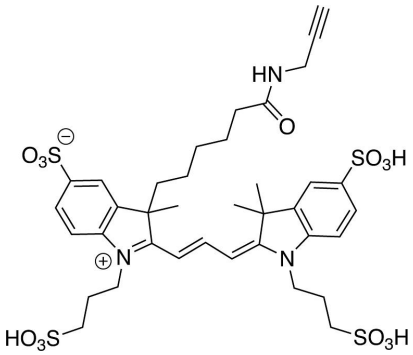
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DOCUMENTS

- Safety Data Sheet
- Download CoA
- Datasheet

GALLERY IMAGES



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