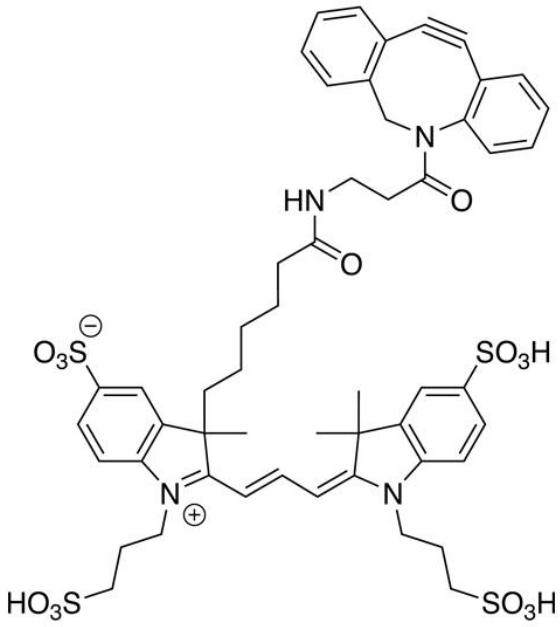
www.vectorlabs.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

AZDYE 555 DBCO

SKU: CCT-1290



DESCRIPTION

AZDye™ 555 DBCO 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 conjugates of antibodies, peptides, and proteins are pH insensitive from pH 4 to pH 10. The brightness and photostability of this dye are best suited to direct imaging of low-abundance targets.

AZDye™ 555 DBCO is a bright, far-red-fluorescent, probe routinely used for imaging of azide-containing biomolecules without the need for copper catalyst. AZDye™ 555 DBCO reacts with azides via a copper-free “click chemistry” reaction to form a stable triazole and does not require Cu-catalyst or elevated temperatures. In application where the presence of copper is a concern AZDye™ 555 DBCO is an ideal alternative to copper requiring fluorescent alkynes.

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

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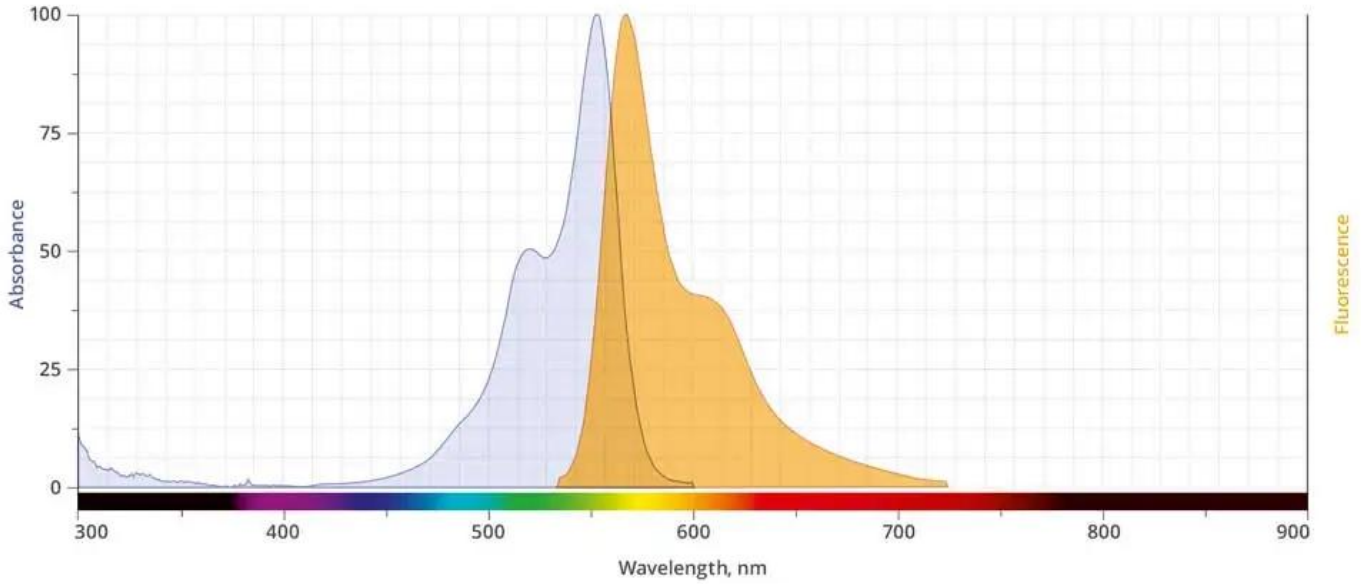
AZDye™ 555 is structurally similar to Alexa Fluor® 555, and spectrally is almost identical to Cy3 Dye, Alexa Fluor® 555, CF® 555 Dye, or any other Cyanine3 based fluorescent dyes. AZDye™ 555 DBCO can be used as an alternative to Alexa Fluor® 555 sDIBO.

SPECIFICATIONS

CAS Number	N/A
Molecular Weight	1394.87
Molecular Formula	C70H103N7O14S4
Appearance	Red solid
Chemical Formula	C70H103N7O14S4
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
Excitation/Emission Maximum	550 nm / 565 nm
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

ABS/EM SPECTRA

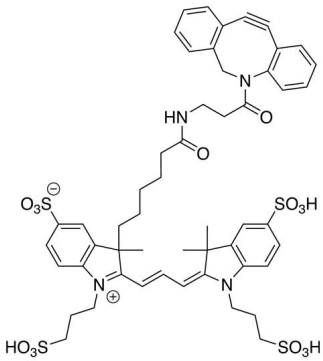
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DOCUMENTS

- Safety Data Sheet
- Download CoA
- Datasheet

GALLERY IMAGES



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