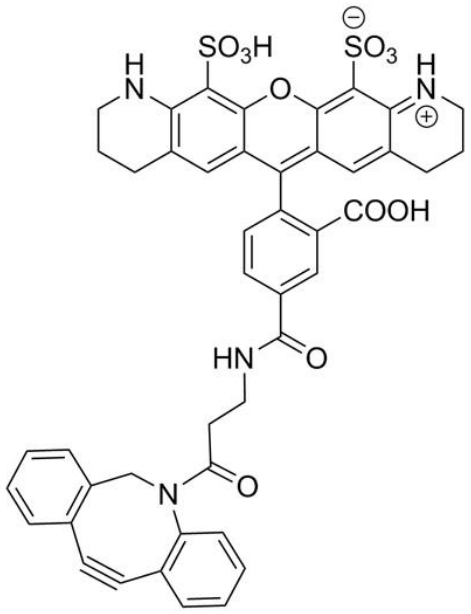
www.vectorlabs.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

AZDYE 532 DBCO

SKU: CCT-1282



DESCRIPTION

AZDye™ 532 DBCO is an azide reactive probe that can be used for imaging azide-tagged biomolecules via a copper-free “click reaction”. DBCO moiety reacts with azides 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™ 532 DBCO is an ideal alternative to copper requiring fluorescent alkynes.

AZDye™ 532 DBCO is ideally suited for the frequency-doubled Nd:YAG laser line. This probe is water-soluble and its fluorescence is pH independent over a wide pH range. The brightness and photostability of AF 532 dyes are well suited to direct imaging of low-abundance targets.

AZDye™ 532 is spectrally almost identical to many other fluorescent dyes based on sulfonated

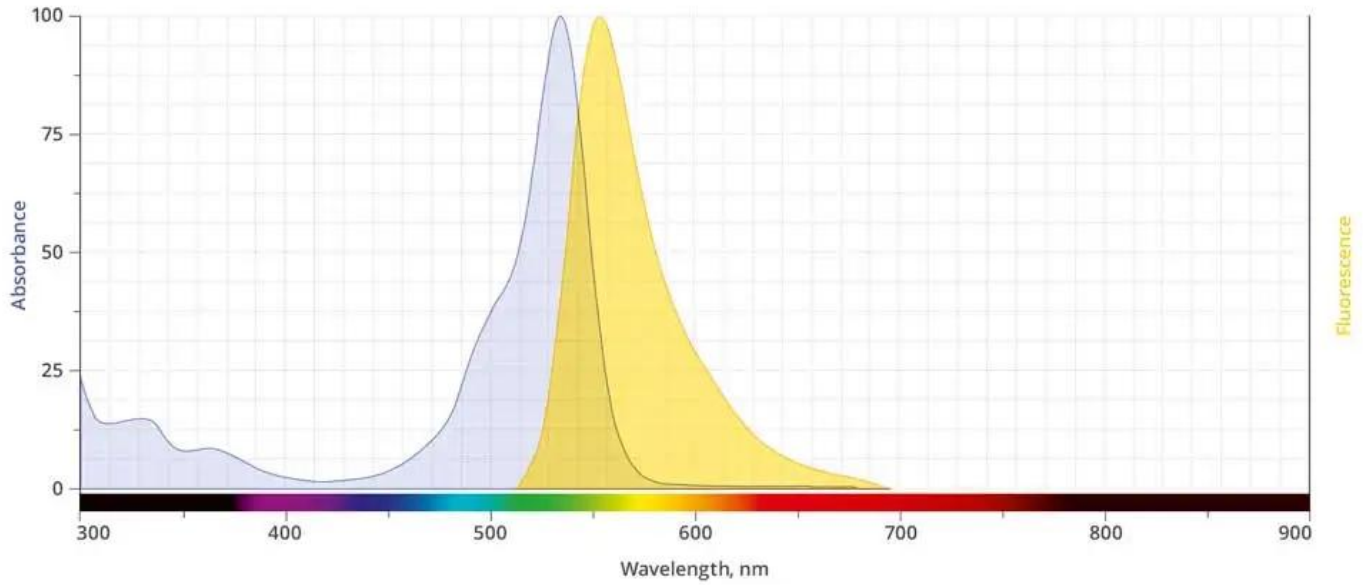
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rhodamine core, including Alexa Fluor® 532 and CF®532 Dye.

SPECIFICATIONS

CAS Number	N/A
Molecular Weight	872.92
Appearance	Orange to light red solid
Extinction Coefficient	78,000
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® 532, Atto™ 532, CF® 532 dyes
Laser Line	532 nm
Excitation/Emission Maximum	532/554 nm
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

ABS/EM SPECTRA



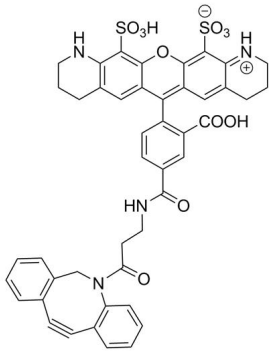
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DOCUMENTS

- Safety Data Sheet
- Download CoA
- Datasheet

GALLERY IMAGES



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