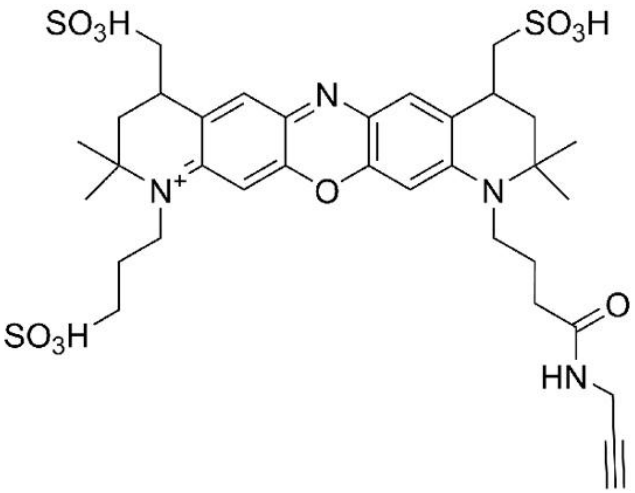
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Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

MB 660R ALKYNE

SKU: CCT-1466



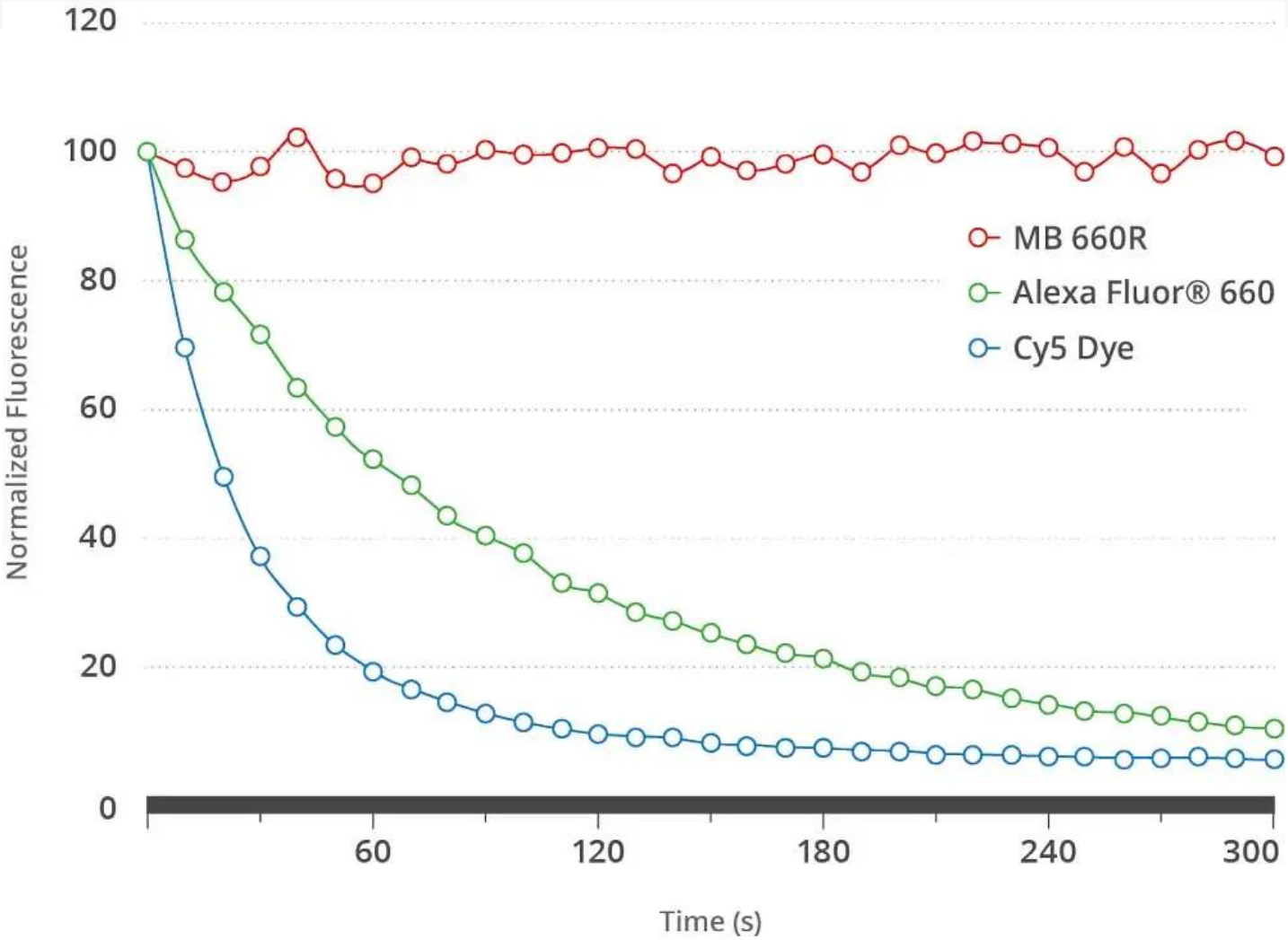
DESCRIPTION

MB 660R Alkyne is often a reagent of choice for imaging of low abundance azide-containing biomolecules. AZDye™ 647 Alkyne reacts with azides via a copper-catalyzed click reaction (CuAAC) to form a stable triazole linker. The brightness and photostability of this dye are best suited to direct imaging of low-abundance targets.

MB 660R is a bright and photostable far-red dye that emits fluorescence at about 685 nm in the borderline spectral region between far-red and near-IR. Although the absorption maximum is at around 665 nm, this dye can be sufficiently excited by the 633 or 635 nm laser. MB 660R dye is water soluble and pH-insensitive from pH 4 to pH 10. MB 660R is a rhodamine-based dye, and like rhodamine dyes in general, it is exceptionally photostable (Figure 1). The superior photostability and excellent brightness of MB 660R make the dye an ideal choice for confocal microscopy and other demanding applications.

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MB 660R dye spectrally is almost identical to Alexa Fluor® 660 and CF® 660R Dye and can be used a less expensive alternative to these dyes.

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

SPECIFICATIONS

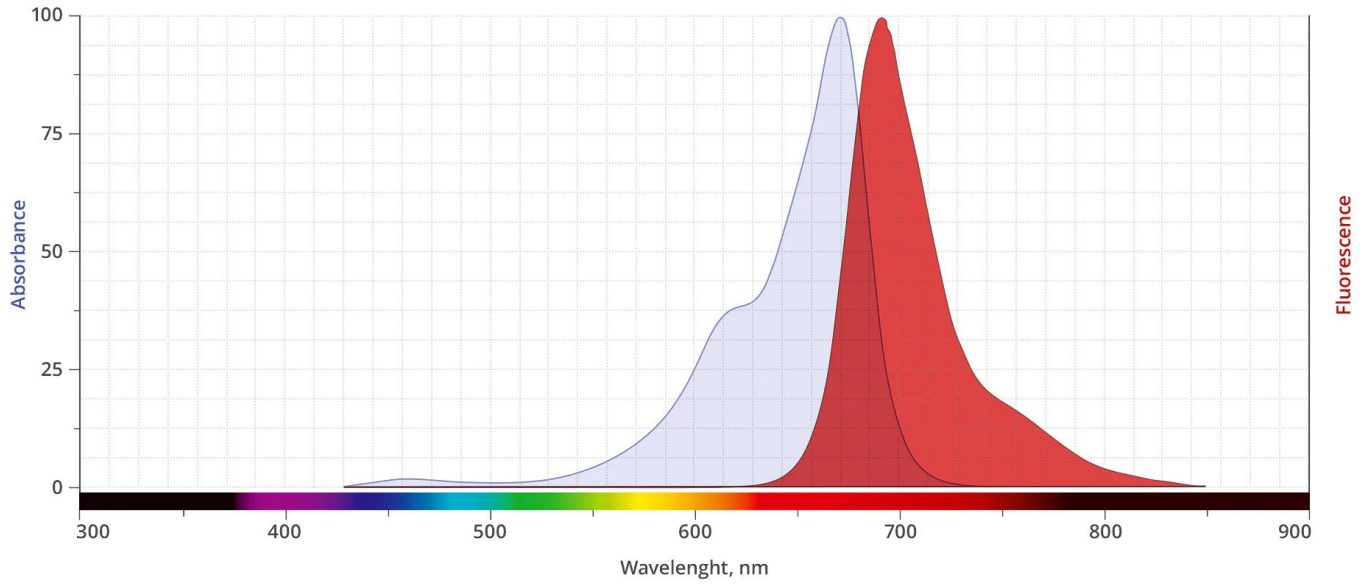
CAS Number	N/A
Molecular Weight	781.93 (protonated)
Appearance	Blue solid
Extinction Coefficient	92,000

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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® 660, CF® 660R
Laser Line	633 or 635 nm
Excitation/Emission Maximum	665/690 nm
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

ABS/EM SPECTRA



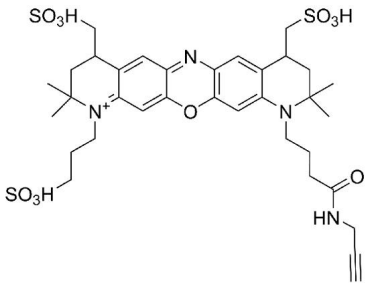
DOCUMENTS

- Safety Data Sheet
- Datasheet

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GALLERY IMAGES



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