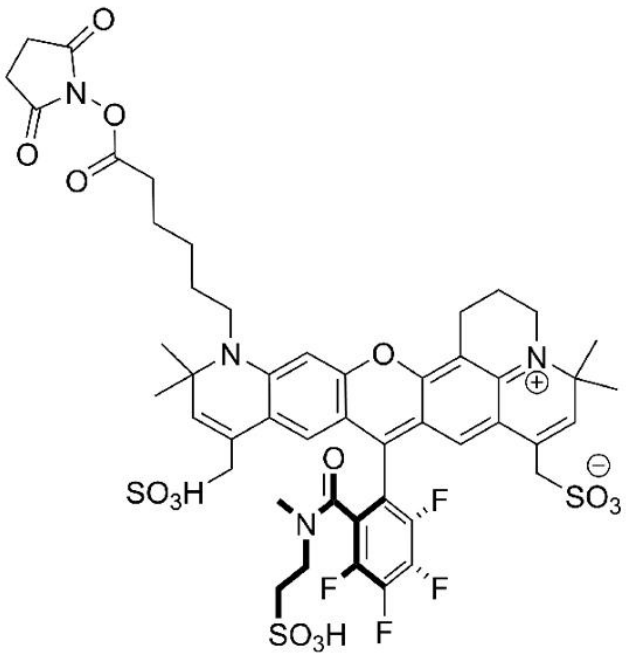
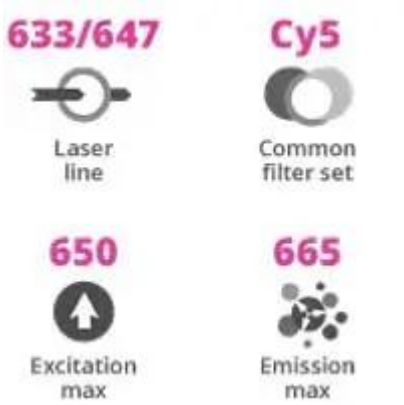
www.vectorlabs.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

MB 633 NHS ESTER

SKU: FP-1771



DESCRIPTION



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

For many years, the cyanine-5 based dye (Cy™5 and more recently Alexa Fluor® 647) has been the dye of choice in far-red spectral window due to minimal autofluorescence in most biological samples in this spectral region allowing for extremely sensitive detection. In spite of recent improvement in cyanine-5 based dyes most dye are still lacks sufficient photostability required for many demanding applications.

MB 633 is a novel, rhodamine-based dye with its absorption peak at 630 nm. MB 633 can be optimally excited by the 633 nm He-Ne laser or the 635 nm red diode laser with emission maximum at 650 nm. The most important advantage of MB 633 and other rhodamine-based far-red MB dyes are their unmatched photostability. The combination of superior brightness and photostability makes far-red MB dyes ideal choices for detection in the long wavelength region on a variety of instruments

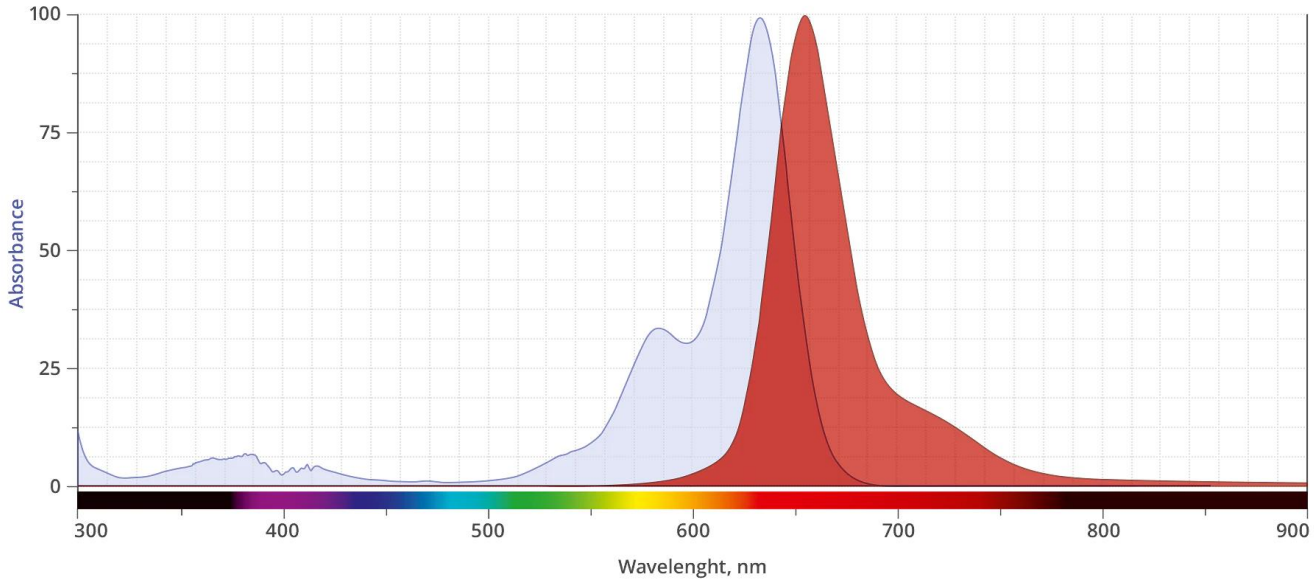
SPECIFICATIONS

Molecular Weight	1095.11
Extinction Coefficient	100,000 cm-1M-1
Reactivity	Primary amine
Unit Size	1 mg, 5 mg, 25 mg, 100 mg
Solubility	Water, DMSO, DMF
Storage Instructions	-20°C.
Spectrally Similar Dyes	Alexa Fluor® 633, CF® 633
Excitation/Emission Maximum	630/650 nm
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

ABS/EM SPECTRA

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

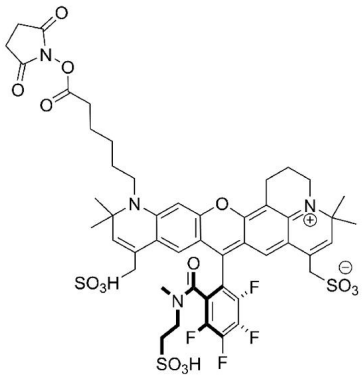
www.vectorlabs.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600



DOCUMENTS

- Safety Data Sheet
- Datasheet

GALLERY IMAGES



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