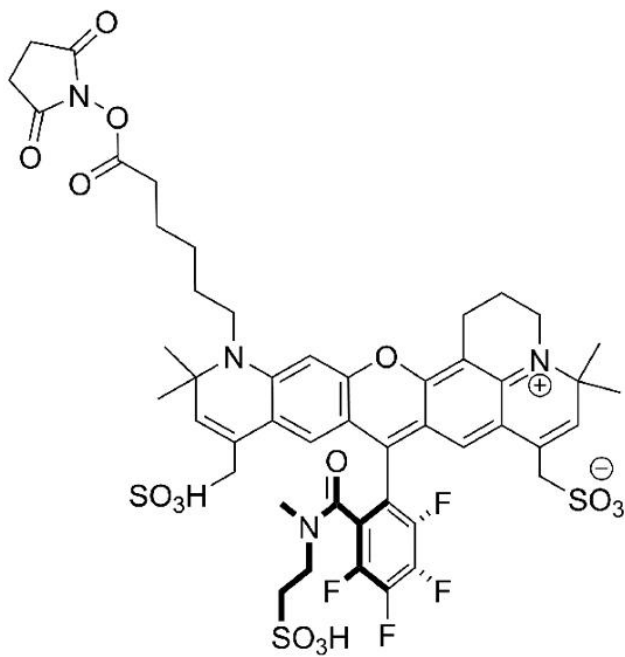




MB 633 NHS ESTER

SKU: FP-1771



DESCRIPTION

633/647



Laser
line

Cy5



Common
filter set

650



Excitation
max

665



Emission
max

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.

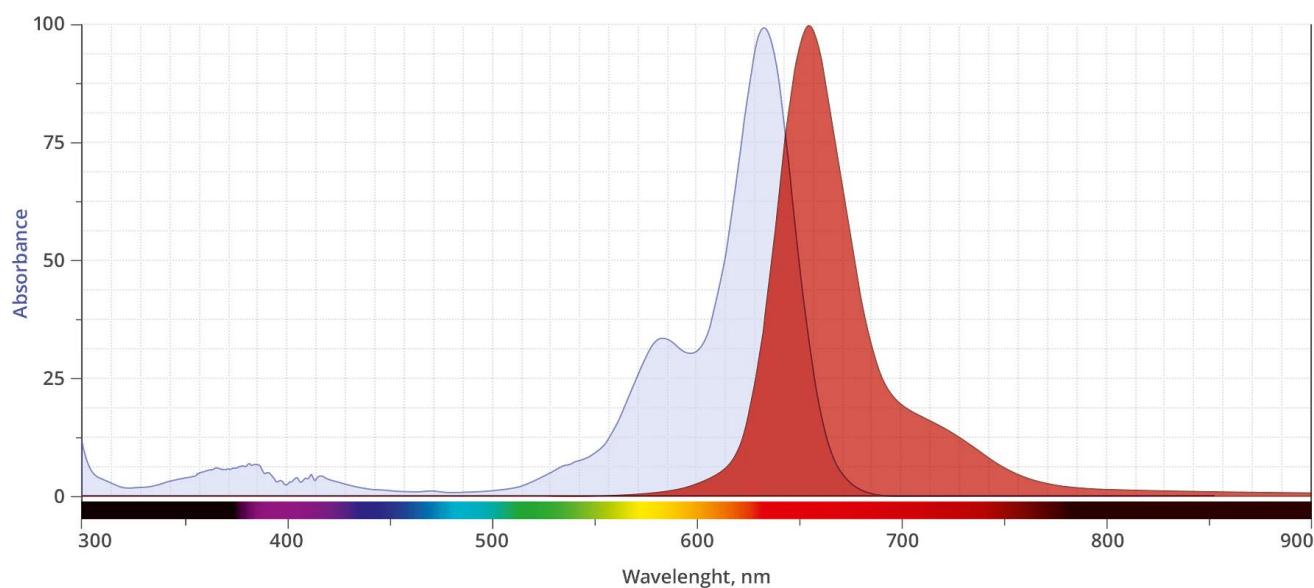
MB 633 is a novel, rhodamine-based dye with its absorption peak at 630 nm. MB 633 can be optimally excited by the 633 nm He-Ne laser or the 635 nm red diode laser with emission maximum at 650 nm. The most important advantage of MB 633 and other rhodamine-based far-red MB dyes are their unmatched photostability. 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 ⁻¹ M ⁻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

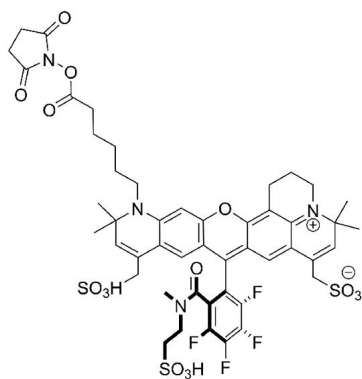
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DOCUMENTS

- [Safety Data Sheet](#)
- [Datasheet](#)

GALLERY IMAGES



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