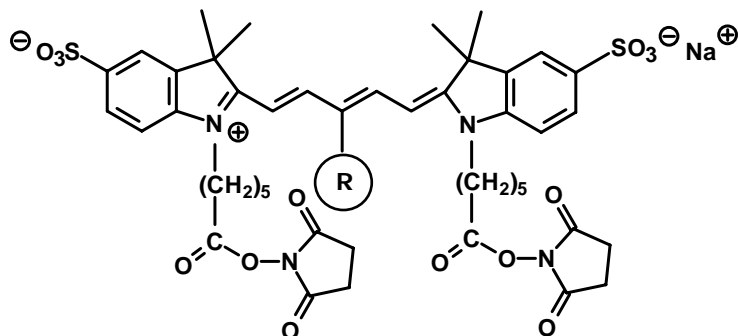
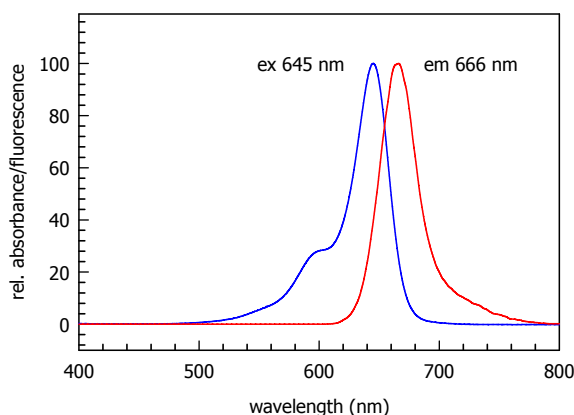


structure



spectra



spectra taken in phosphate buffered saline (PBS), pH 7.4

characteristic data

Molecular weight $M_r = \sim 1000$ (NHS-Ester)
 Extinction coefficient $\epsilon = 220.000 \text{ cm}^{-1} \times \text{M}^{-1}$

Excitation/Emission

	buffer (PBS)	protein conjugate
λ_{abs}	645 nm	650 nm
λ_{em}	666 nm	669 nm

The bi-functional dye is available as

1 vial*	Product Code	OY-645-2-N-1xV
1 mg	Product Code	OY-645-2-N-1x1

* contains a sufficient amount of dye to label at least 1.5 mg protein or up to 5 μg cDNA, obtained after incorporation of amino-modified nucleotides.

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