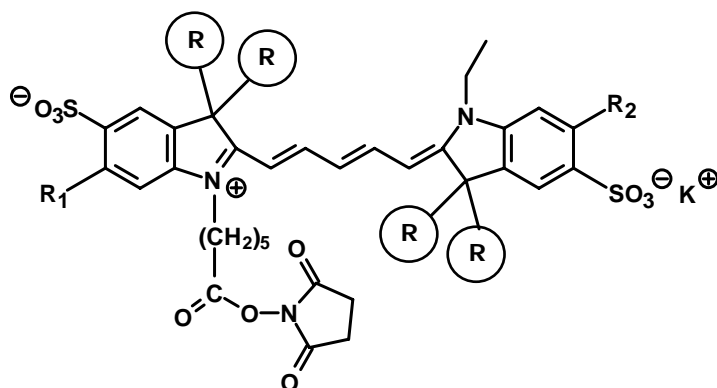
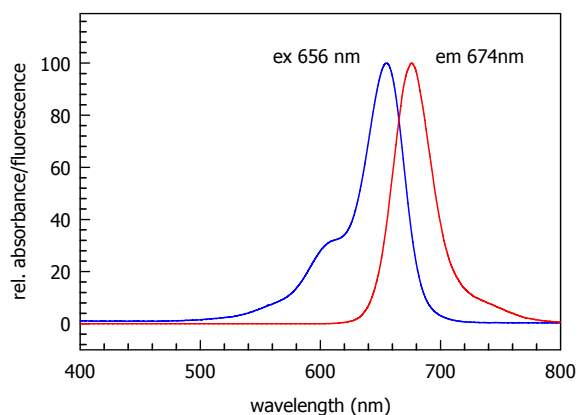


## structure



## spectra



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

## characteristic data

Molecular weight  $M_r = \sim 860$  (NHS-Ester)  
 Extinction coefficient  $\epsilon = 200.000 \text{ cm}^{-1} \times \text{M}^{-1}$

### Excitation/Emission

	buffer (PBS)	protein conjugate
$\lambda_{\text{abs}}$	656 nm	662 nm
$\lambda_{\text{em}}$	674 nm	679 nm

The mono-functional dye is available as

1 vial*	Product Code	OY-656-1-N-1xV
1 mg	Product Code	OY-656-1-N-1x1

\* contains a sufficient amount of dye to label at least 1.5 mg protein or up to 5  $\mu\text{g}$  cDNA, obtained after incorporation of amino-modified nucleotides.

Several of Denovo Biolabels products and product applications are covered by German and foreign patents and patents pending. No licensing agreement is necessary for use of Oyster<sup>®</sup>-500, -556, -645 and -656 as long as our products are utilized to produce another value added product for research or resale. For resale of our unmodified products as well as for all products involving Oyster<sup>®</sup>-550 or -650, a specific agreement or licensing agreement from Denovo Biolabels is necessary. All names containing the designation <sup>®</sup> are registered with the German Patent and Trademark Office.

Copyright 2005, Denovo Biolabels GmbH. All rights reserved. This information is subject to change without notice.

For further information please contact our technical support

**Denovo Biolabels GmbH**

**Mendelstr. 7**

**48149 Muenster, Germany**

**Phone +49 (0)251 980 2918**

**Fax +49 (0)251 980 2917**

or visit our website: [www.biolabels.com](http://www.biolabels.com) [info@biolabels.com](mailto:info@biolabels.com)