

DY-647

## DY-647

Absorption/emission max:  
653 nm / 672 nm (in Ethanol)

Molar absorbance:  
250.000 M-1cm-1

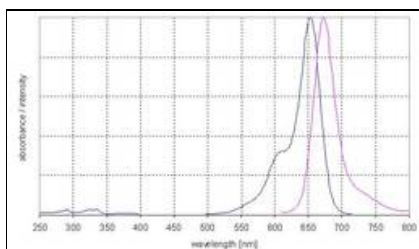
Comments:

- Pentamethine based fluorophore
- Soluble in water, methanol, DMF, DMSO
- Bright solid state emission
- Suitable for protein labeling, microarray experiments, FisH microscopy, gel electrophoresis
- Spectral similar to Cy5 and Alex Fluor 647

## Available Modifications

Available Modifications	Molecular Weight (g • mol <sup>-1</sup> )	Molecular formula	Productnumber
Carboxylic acid	664.78	C <sub>32</sub> H <sub>37</sub> N <sub>2</sub> O <sub>8</sub> S <sub>2</sub> Na	647-00
NHS-ester	761.85	C <sub>36</sub> H <sub>40</sub> N <sub>3</sub> O <sub>10</sub> S <sub>2</sub> Na	647-01
Amino-derivative	684.88	C <sub>34</sub> H <sub>44</sub> N <sub>4</sub> O <sub>7</sub> S <sub>2</sub>	647-02
Maleimide	786.91	C <sub>38</sub> H <sub>43</sub> N <sub>4</sub> O <sub>9</sub> S <sub>2</sub> Na	647-03
Phalloidin	1434.65	C <sub>67</sub> H <sub>84</sub> N <sub>11</sub> O <sub>17</sub> S <sub>3</sub> Na	647-33
dUTP	1290.83	C <sub>50</sub> H <sub>62</sub> N <sub>6</sub> O <sub>22</sub> P <sub>3</sub> S <sub>2</sub> * 5Li	647-34

## Diagram, Formel



Structure on request

## Order

Available Modifications	Amount	Productnumber	Price	Enter quantity
DY-647, aminomodified	1 mg	647-02	189,00 €	
DY-647, Carboxylic acid	1 mg	647-00	117,60 €	
DY-647-dUTP	100 nmol	647-34	250,00 €	
DY-647-Maleimide	1 mg	647-03	189,00 €	
DY-647-NHS-ester	1 mg	647-01	147,00 €	
DY-647-NHS-ester, portionized	5 x 0.2mg	647-01A	175,00 €	
DY-647-Phalloidin	300 units	647-33	200,00 €	