

### SUMMARY

shipped at RT

For research use only

**Absorption / emission max.:**  
520 nm / 664 nm (in Ethanol)

**Molar absorbance:**  
50.000 M<sup>-1</sup>cm<sup>-1</sup>

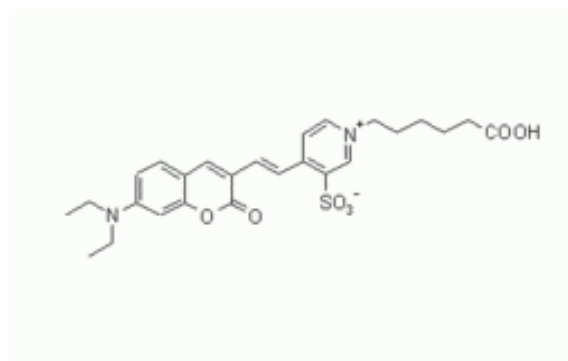
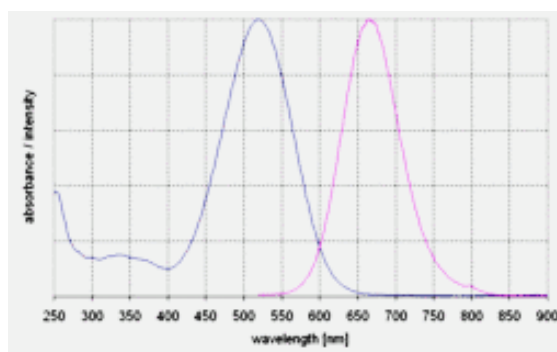
#### Comments:

- Soluble in methanol, DMF, DMSO
- Bright solid state emission
- Suitable for protein labeling, microarray experiments, FisH microscopy, gel electrophoresis

#### Available Modifications

Available Modifications	Molecular Weight (g • mol <sup>-1</sup> )	Molecular formula
Carboxylic acid	514.60	C <sub>26</sub> H <sub>30</sub> N <sub>2</sub> O <sub>7</sub> S
NHS-ester	611.68	C <sub>30</sub> H <sub>33</sub> N <sub>3</sub> O <sub>9</sub> S
Amino-derivative	593.14	C <sub>28</sub> H <sub>37</sub> N <sub>4</sub> O <sub>6</sub> SCI
Maleimide	636.73	C <sub>32</sub> H <sub>36</sub> N <sub>4</sub> O <sub>8</sub> S
STP-Ester	764.71	C <sub>32</sub> H <sub>29</sub> F <sub>4</sub> N <sub>2</sub> O <sub>10</sub> S <sub>2</sub> * Na
dUTP	1043.54	C <sub>38</sub> H <sub>44</sub> N <sub>5</sub> O <sub>20</sub> P <sub>3</sub> S * 4Li

#### Diagram, Formel



### Order Information, Shipping and Storage

Order#	Product	Quantity
MFP-D520XL-00-1	MFP™-DY-520XL-Carboxylic Acid	1 mg
shipped at RT; store at RT		
MFP-D520XL-01-1	MFP™-DY-520XL-NHS-Ester	1 mg
shipped at RT; store at 4 °C		
MFP-D520XL-02	MFP™-DY-520XL-Amino function	1 mg
MFP-D520XL-03-2	MFP™-DY-520XL-Maleimide	1 mg
MFP-D520XL-30-2	MFP™-DY-520XL-Biotin	1 mg
shipped at RT; store at RT		
MFP-D520XL-05	MFP™-DY-520XL-STP-Ester	1 mg
MFP-D520XL-33	MFP™-DY-520XL-Phalloidin	300 units
shipped at RT; store at 4 °C		
MFP-D520XL-34	MFP™-DY-520XL-dUTP	100 nmol
shipped on blue ice; store at -20 °C		

### Contact and Support

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#### Customer Service – General inquiries & orders

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fax: +49 (0)551 707 22 22  
e-mail: [order@mobitec.com](mailto:order@mobitec.com)

#### Technical Service – Product information

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fax: +49 (0)551 707 22 77  
e-mail: [info@mobitec.com](mailto:info@mobitec.com)

**MoBiTec in your area:** Find your local distributor at [www.mobitec.com](http://www.mobitec.com)