

### SUMMARY

shipped at RT

For research use only

#### Absorption / emission max.:

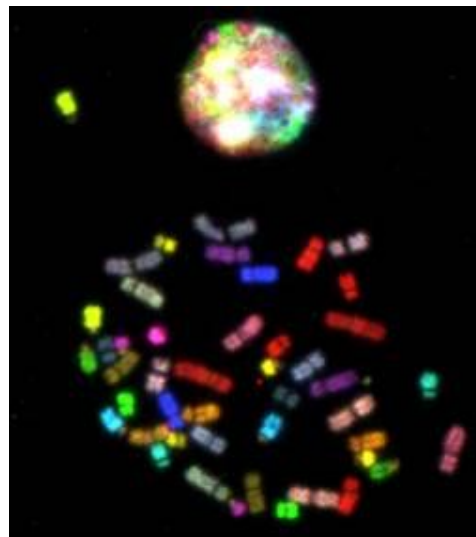
418 nm / 467 nm (in Ethanol)

#### Molar absorbance:

34.000 M<sup>-1</sup>cm<sup>-1</sup>

#### Comments:

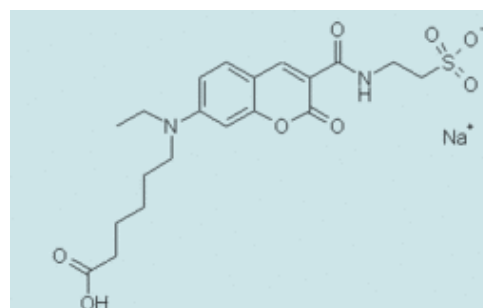
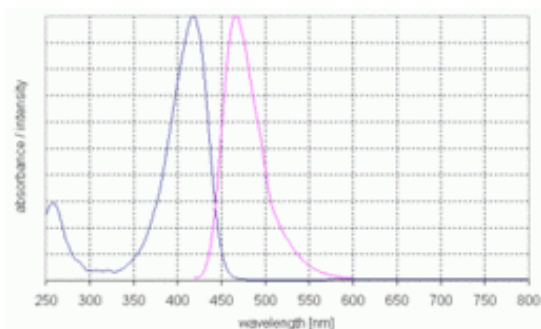
- Soluble in methanol, ethanol, DMF, DMSO
- suitable to substitute DEAC



### Available Modifications

Available Modifications	Molecular Weight (g • mol <sup>-1</sup> )	Molecular formula
Carboxylic acid	476.48	C <sub>20</sub> H <sub>25</sub> N <sub>2</sub> O <sub>8</sub> SNa
NHS-ester	573.56	C <sub>24</sub> H <sub>28</sub> N <sub>3</sub> O <sub>10</sub> SNa
Amino-derivative	496.59	C <sub>22</sub> H <sub>32</sub> N <sub>4</sub> O <sub>7</sub> S
Maleimide	598.61	C <sub>26</sub> H <sub>31</sub> N <sub>4</sub> O <sub>9</sub> SNa
Phalloidin	1246.37	C <sub>55</sub> H <sub>72</sub> N <sub>11</sub> O <sub>17</sub> S <sub>2</sub> Na
dUTP	989.37	C <sub>32</sub> H <sub>39</sub> N <sub>5</sub> O <sub>21</sub> P <sub>3</sub> S*5Li

### Diagram, Formel



### Literature

Faggioli F., Wang T., Vijg J., Montagna C., Chromosome-specific accumulation of aneuploidy in the aging mouse brain, *Human Molecular Genetics*, 21(2012)5246-5253.

Paesold S., Borchardt D., Schmidt T., Dechyeva D., A sugar beet (*Beta vulgaris* L.) reference FISH karyotype for chromosome and chromosome-arm identification, integration of genetic linkage groups and analysis of major repeat family distribution, *The Plant Journal*, 72(2012)600–611.

### Order Information, Shipping and Storage

Order#	Product	Quantity
MFP-D415-00-1	MFP™-DY-415-Carboxylic acid	1mg
shipped at RT; store at RT		
MFP-D415-01-1	MFP™-DY-415-NHS-Ester	1mg
shipped at RT; store at 4 °C		
MFP-D415-02	MFP™-DY-415-aminomodified	1mg
MFP-D415-03-2	MFP™-DY-415-Maleimide	1mg
MFP-D415-30-2	MFP™-DY-415-Biotin	1mg
shipped at RT; store at RT		
MFP-D415-33	MFP™-DY-415-Phalloidin	300 units
shipped at RT; store at 4 °C		
MFP-D415-34	MFP™-DY-415-dUTP	100 nmol
shipped on blue ice; store at -20 °C		

### Contact and Support

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#### Customer Service – General inquiries & orders

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

#### Technical Service – Product information

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