

### SUMMARY

shipped at RT

For research use only

**Absorption / emission max.:**  
736 nm / 760 nm (in Ethanol)

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

#### Comments:

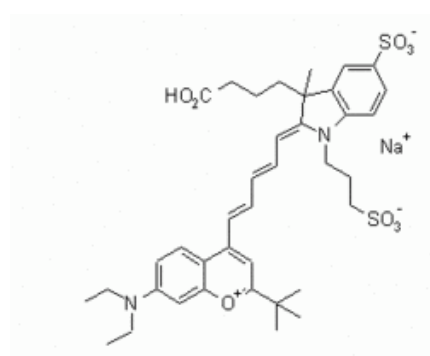
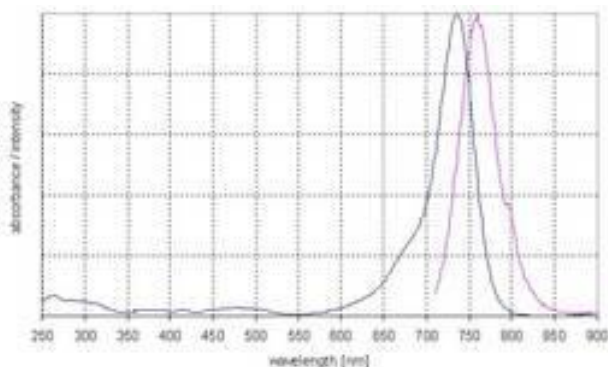
- Soluble in water, methanol, DMF, DMSO
- Bright solid state emission
- Suitable for protein labling, microarray experiments, FisH microscopy, gel electrophoresis
- Negatively charged
- Improved water solubility

#### Available Modifications

Available Modifications	Molecular Weight (g • mol <sup>-1</sup> )	Molecular formula
Carboxylic acid	762.92	C <sub>38</sub> H <sub>47</sub> N <sub>2</sub> O <sub>9</sub> S <sub>2</sub> Na
NHS-ester	859.99	C <sub>42</sub> H <sub>50</sub> N <sub>3</sub> O <sub>11</sub> S <sub>2</sub> Na
Amino-derivative	783.03	C <sub>40</sub> H <sub>54</sub> N <sub>4</sub> O <sub>8</sub> S <sub>2</sub>
Maleimide	885.05	C <sub>44</sub> H <sub>53</sub> N <sub>4</sub> O <sub>10</sub> S <sub>2</sub> Na

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#### Diagram, Formel



## Order Information, Shipping and Storage

Order#	Product	Quantity
MFP-D731-00-1	MFP™-DY-731-Carboxylic Acid	1 mg
shipped at RT; store at RT		
MFP-D731-01-1	MFP™-DY-731-NHS-Ester	1 mg
shipped at RT; store at 4 °C		
MFP-D731-02	MFP™-DY-731-Amino function	1 mg
MFP-D731-03-2	MFP™-DY-731-Maleimide	1 mg
MFP-D731-30-2	MFP™-DY-731-Biotin	1 mg
shipped at RT; store at RT		
MFP-D731-34	MFP™-DY-731-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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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)