

### SUMMARY

shipped at RT

For research use only

**Absorption / emission max.:**  
655 nm / 676 nm (in Ethanol)

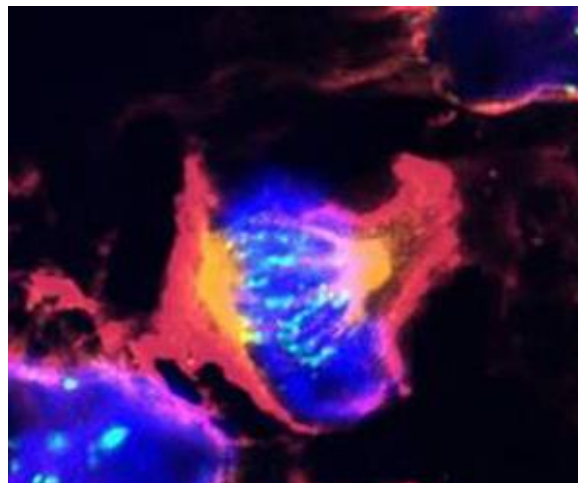
**Molar absorbance:**  
250.000 M<sup>-1</sup>cm<sup>-1</sup>

#### Comments:

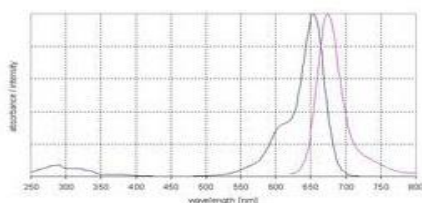
- Soluble in water, methanol, DMF, DMSO
- Enhance water solubility and polarity
- Three negative charges
- Usually combined with DY-549

#### Available Modifications

| Available Modifications | Molecular Weight (g • mol <sup>-1</sup> ) | Molecular formula  |
|-------------------------|---|--|
| Carboxylic acid         | 969.03                                    | C <sub>38</sub> H <sub>47</sub> N <sub>2</sub> O <sub>15</sub> S <sub>4</sub> Na <sub>3</sub>  |
| NHS-ester               | 1066.10                                   | C <sub>42</sub> H <sub>50</sub> N <sub>3</sub> O <sub>17</sub> S <sub>4</sub> Na <sub>3</sub>  |
| Maleimide               | 1117.09                                   | C <sub>44</sub> H <sub>53</sub> N <sub>4</sub> O <sub>16</sub> S <sub>4</sub> Na <sub>3</sub>  |
| Phalloidin              | 1738.91                                   | C <sub>73</sub> H <sub>94</sub> N <sub>11</sub> O <sub>24</sub> S <sub>5</sub> Na <sub>3</sub> |



#### Diagram, Formel



### Order Information, Shipping and Storage

| Order#                               | Product                       | Quantity  |
|--------------------------------------|-------------------------------|-----------|
| MFP-D649P1-00                        | MFP™-DY-649P1-Carboxylic Acid | 1 mg      |
| shipped at RT; store at RT           |                               |           |
| MFP-D649P1-01                        | MFP™-DY-649P1-NHS-Ester       | 1 mg      |
| shipped at RT; store at 4 °C         |                               |           |
| MFP-D649P1-02                        | MFP™-DY-649P1-Amino function  | 1 mg      |
| MFP-D649P1-03                        | MFP™-DY-649P1-Maleimide       | 1 mg      |
| MFP-D649P1-30                        | MFP™-DY-649P1-Biotin          | 1 mg      |
| shipped at RT; store at RT           |                               |           |
| MFP-D649P1-06                        | MFP™-DY-649P1-TFP-Ester       | 1 mg      |
| shipped at RT; store at 4 °C         |                               |           |
| MFP-D649P1-33                        | MFP™-DY-649P1-Phalloidin      | 300 units |
| shipped at RT; store at 4 °C         |                               |           |
| MFP-D649P1-34                        | MFP™-DY-649P1-dUTP            | 100 nmol  |
| shipped on blue ice; store at -20 °C |                               |           |
| MFP-D649P1-08                        | MFP™-DY-649P1-Phosphin        | 1 mg      |

### Contact and Support

MoBiTec GmbH ● Lotzestr. 22a ● D-37083 Goettingen ● Germany

#### 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

phone: +49 (0)551 707 22 70  
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)