

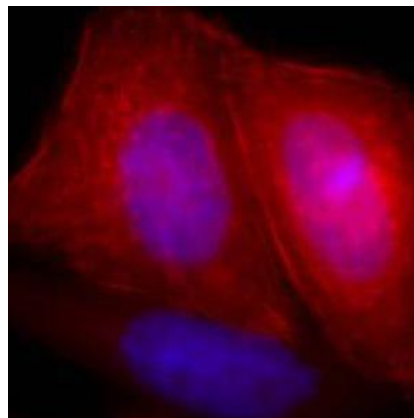
SUMMARY

shipped at RT

For research use only

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

Molar absorbance:
250.000 M⁻¹cm⁻¹



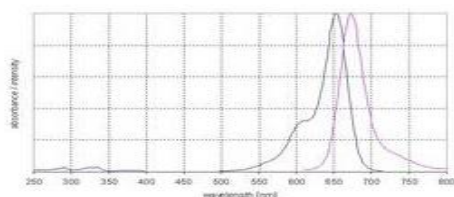
Comments:

- 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 ⁻¹) | Molecular formula |
|-------------------------|---|--|
| Carboxylic acid | 708.83 | C ₃₄ H ₄₁ N ₂ O ₉ S ₂ Na |
| NHS-ester | 805.91 | C ₃₈ H ₄₄ N ₃ O ₁₁ S ₂ Na |
| Amino-derivative | 728.93 | C ₃₆ H ₄₈ N ₄ O ₈ S ₂ |
| Maleimide | 830.96 | C ₄₀ H ₄₇ N ₄ O ₁₀ S ₂ Na |
| Phalloidin | 1478.72 | C ₆₉ H ₈₈ N ₁₁ O ₁₈ S ₃ Na |
| dUTP | 1221.72 | C ₄₆ H ₅₅ N ₅ O ₂₂ P ₃ S ₂ * 5Li |

Diagram, Formel



Order Information, Shipping and Storage

| Order# | Product | Quantity |
|--------------------------------------|-------------------------------|-----------|
| MFP-D647P1-00 | MFP™-DY-647P1-Carboxylic Acid | 1 mg |
| shipped at RT; store at RT | | |
| MFP-D647P1-01 | MFP™-DY-647P1-NHS-Ester | 1 mg |
| shipped at RT; store at 4 °C | | |
| MFP-D647P1-03 | MFP™-DY-647P1-Maleimide | 1 mg |
| shipped at RT; store at RT | | |
| MFP-D647P1-33 | MFP™-DY-647P1-Phalloidin | 300 units |
| shipped at RT; store at 4 °C | | |
| MFP-D647P1-34 | MFP™-DY-647P1-dUTP | 100 nmol |
| shipped on blue ice; store at -20 °C | | |

Contact and Support

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