

DY-648

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Absorption / emission max.:
653 nm / 674 nm (in Ethanol)

Molar absorbance:
250.000 M⁻¹cm⁻¹

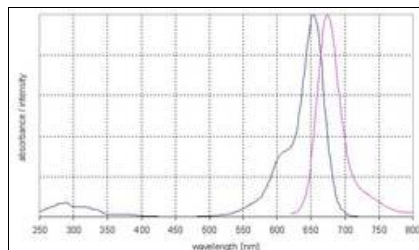
Comments:

- Soluble in water, methanol, DMF, DMSO
- Enhance water solubility and polarity
- Two negative charges
- Usually combined with DY-548

Available Modifications

| Available Modifications | Molecular Weight (g • mol ⁻¹) | Molecular formula | Productnumber |
|-------------------------|---|--|---------------|
| Carboxylic acid | 780.85 | C ₃₃ H ₃₈ N ₂ O ₁₁ S ₃ Na ₂ | 648-00 |
| NHS-ester | 877.92 | C ₃₇ H ₄₁ N ₃ O ₁₃ S ₃ Na ₂ | 648-01 |
| Amino-derivative | 800.95 | C ₃₅ H ₄₅ N ₄ O ₁₀ S ₃ Na | 648-02 |
| Maleimide | 902.98 | C ₃₉ H ₄₄ N ₄ O ₁₂ S ₃ Na ₂ | 648-03 |
| dUTP | 1390.85 | C ₅₁ H ₆₃ N ₆ O ₂₅ P ₃ S ₃ Li ₆ | 648-34 |

Diagram, Formel



Structure on request

Order

| Available Modifications | Amount | Productnumber | Price | Enter quantity |
|----------------------------------|--------------|---------------|-------------|----------------|
| DY-648, aminomodified | 1 mg | 648-02 | 189,00 € | |
| DY-648, Carboxylic acid | 1 mg | 648-00 | 117,60 € | |
| DY-648-dUTP | 100 nmol | 648-34 | 250,00 € | |
| DY-648-Maleimide | 1 mg | 648-03 | 189,00 € | |
| DY-648-NHS-ester | 1 mg | 648-01 | 147,00 € | |
| DY-648-NHS-ester, portionized | 5 x 0.2mg | 648-01A | 175,00 € | |