



DY-681

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Absorption / emission max.:
691 nm / 708 nm(in Ethanol)

Molar absorbance:
140.000 M⁻¹cm⁻¹

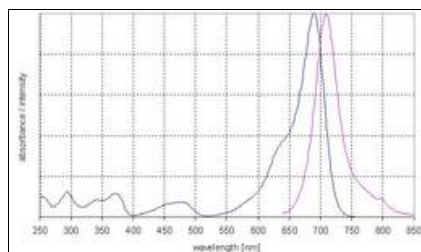
Comments:

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

Available Modifications

Available Modifications	Molecular Weight (g • mol ⁻¹)	Molecular formula	Productnumber
Carboxylic acid	736.88	C ₃₆ H ₄₅ N ₂ O ₉ S ₂ Na	681-00
NHS-ester	833.95	C ₄₀ H ₄₈ N ₃ O ₁₁ S ₂ Na	681-01
Amino-derivative	756.99	C ₃₈ H ₅₂ N ₄ O ₈ S ₂	681-02
Maleimide	859.01	C ₄₂ H ₅₁ N ₄ O ₁₀ S ₂ Na	681-03
dUTP	1362.94	C ₅₄ H ₇₀ N ₆ O ₂₃ P ₃ S ₂ Li ₅	681-03

Diagram, Formel



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