

DY-647

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

Molar absorbance:
250.000 M⁻¹cm⁻¹

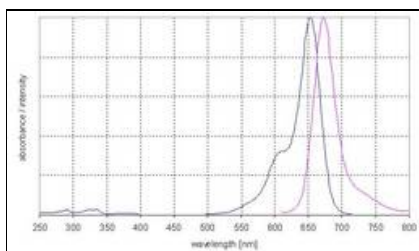
Comments:

- 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	Productnumber
Carboxylic acid	664.78	C ₃₂ H ₃₇ N ₂ O ₈ S ₂ Na	647-00
NHS-ester	761.85	C ₃₆ H ₄₀ N ₃ O ₁₀ S ₂ Na	647-01
Amino-derivative	684.88	C ₃₄ H ₄₄ N ₄ O ₇ S ₂	647-02
Maleimide	786.91	C ₃₈ H ₄₃ N ₄ O ₉ S ₂ Na	647-03
Phalloidin	1434.65	C ₆₇ H ₈₄ N ₁₁ O ₁₇ S ₃ Na	647-33
dUTP	1290.83	C ₅₀ H ₆₂ N ₆ O ₂₂ P ₃ S ₂ * 5Li	647-34

Diagram, Formel



Structure on request

Order

Available Modifications	Amount	Productnumber	Price	Enter quantity
DY-647, aminomodified	1 mg	647-02	189,00 €	
DY-647, Carboxylic acid	1 mg	647-00	117,60 €	
DY-647-dUTP	100 nmol	647-34	250,00 €	
DY-647-Maleimide	1 mg	647-03	189,00 €	
DY-647-NHS-ester	1 mg	647-01	147,00 €	
DY-647-NHS-ester, portionized	5 x 0.2mg	647-01A	175,00 €	
DY-647-Phalloidin	300 units	647-33	200,00 €	