

SUMMARY

shipped at RT

For research use only

Absorption / emission max.:

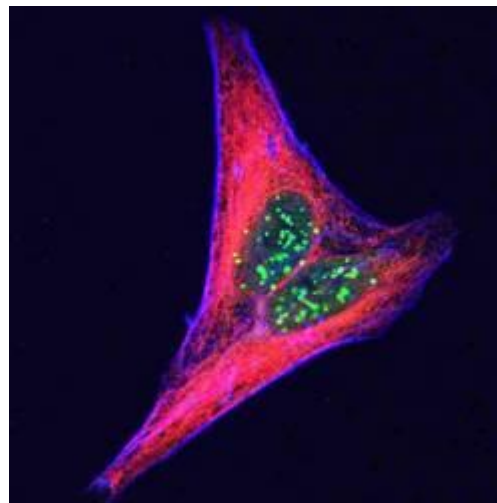
656 nm / 678 nm (in Ethanol)

Molar absorbance:

220.000 M⁻¹cm⁻¹

Comments:

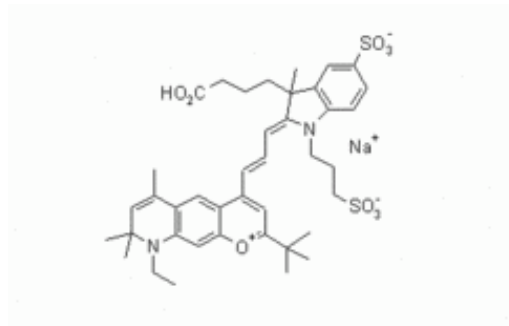
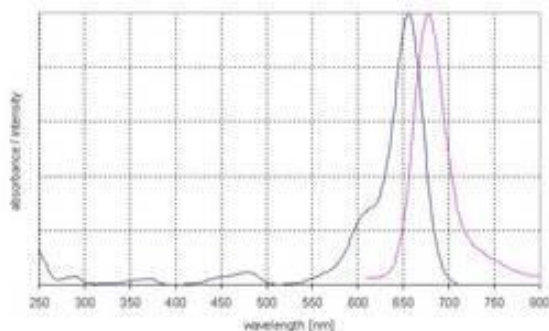
- Soluble in water, methanol, DMF, DMSO
- Bright solid state emission
- Suitable for protein labeling, microarray experiments, FisH microscopy, gel electrophoresis
- Negatively charged dye
- Improved water solubility



Available Modifications

Available Modifications	Molecular Weight (g • mol ⁻¹)	Molecular formula
Carboxylic acid	788.96	C ₄₀ H ₄₉ N ₂ O ₉ S ₂ Na
NHS-ester	886.04	C ₄₄ H ₅₂ N ₃ O ₁₁ S ₂ Na
Amino-derivative	809.06	C ₄₂ H ₅₆ N ₃ O ₁₁ S ₂
Maleimide	911.09	C ₄₆ H ₅₅ N ₄ O ₁₀ S ₂ Na
Phalloidin	1558.85	C ₇₅ H ₉₆ N ₁₁ O ₁₈ S ₃ Na
dUTP	1415.01	C ₅₈ H ₇₄ N ₆ O ₂₃ P ₃ S ₂ * 5Li

Diagram, Formel



Order Information, Shipping and Storage

Order#	Product	Quantity
MFP-D651-00-1	MFP™-DY-651-Carboxylic Acid	1 mg
shipped at RT; store at RT		
MFP-D651-01-1	MFP™-DY-651-NHS-Ester	1 mg
shipped at RT; store at 4 °C		
MFP-D651-02	MFP™-DY-651-Amino function	1 mg
MFP-D651-03-2	MFP™-DY-651-Maleimide	1 mg
MFP-D651-30-2	MFP™-DY-651-Biotin	1 mg
shipped at RT; store at RT		
MFP-D651-33	MFP™-DY-651-Phalloidin	300 units
shipped at RT; store at 4 °C		
MFP-D651-34	MFP™-DY-651-dUTP	100 nmol
shipped on blue ice; store at -20 °C		

Contact and Support

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MoBiTec in your area: Find your local distributor at www.mobitec.com