

SUMMARY

shipped at RT;

For research use only

Absorption / emission max.:
636 nm / 657 nm(in Ethanol)

Molar absorbance:
200.000 M⁻¹cm⁻¹

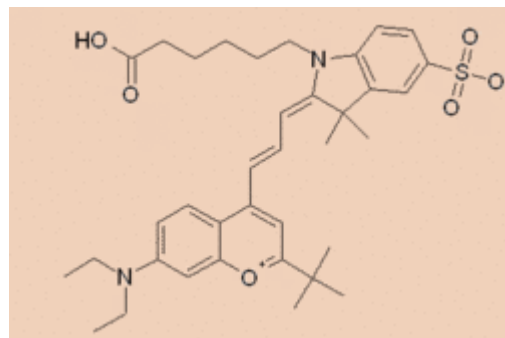
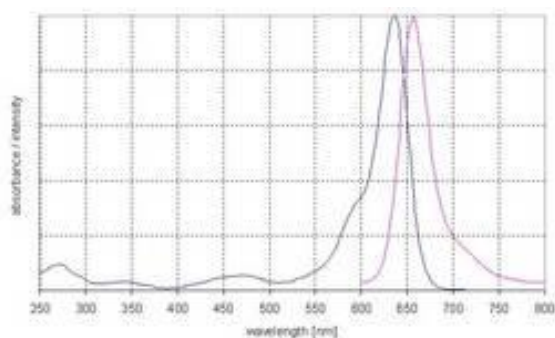
Comments:

- Soluble in methanol, ethanol, DMF, DMSO
- Bright solid state emission
- Suitable for microarray experiments, FisH microscopy, gel electrophoresis
- Betainic dye (neutral)

Available Modifications

Available Modifications	Molecular Weight (g • mol ⁻¹)	Molecular formula
Carboxylic acid	634.84	C ₃₆ H ₄₆ N ₂ O ₆ S
NHS-ester	731.92	C ₄₀ H ₄₉ N ₃ O ₈ S
Amino-derivative	713.38	C ₃₈ H ₅₃ N ₄ O ₅ SCI
Maleimide	756.97	C ₄₂ H ₅₂ N ₄ O ₇ S
dUTP	1163.78	C ₄₈ H ₆₀ N ₅ O ₁₉ P ₃ S * 4Li

Diagram, Formel



Literature

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Cohen B, Ivarez C. M. A., Carmona N. A., Organero J. A., Douhal A., Single molecule photobehavior of a chromophore interacting with silica-based nanomaterials, *Phys. Chem. Chem. Phys.*, 13(2011)1819–1826.

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Order Information, Shipping and Storage

Order#	Product	Quantity
MFP-D630-00-1	MFP™-DY-630-Carboxylic Acid	1 mg
shipped at RT; store at RT		
MFP-D630-01-1	MFP™-DY-630-NHS-Ester	1 mg
shipped at RT; store at 4 °C		
MFP-D630-02	MFP™-DY-630-Amino function	1 mg
MFP-D630-03-2	MFP™-DY-630-Maleimide	1 mg
shipped at RT; store at RT		
MFP-D630-30-2	MFP™-DY-630-Biotin	1 mg
shipped at RT; store at RT		
MFP-D630-34	MFP™-DY-630-dUTP	100 nmol
shipped on blue ice; store at -20 °C		

Contact and Support

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