

SUMMARY

shipped at RT;

For research use only

Absorption / emission max.:
647 nm / 671 nm (in Ethanol)

Molar absorbance:
200.000 M⁻¹cm⁻¹

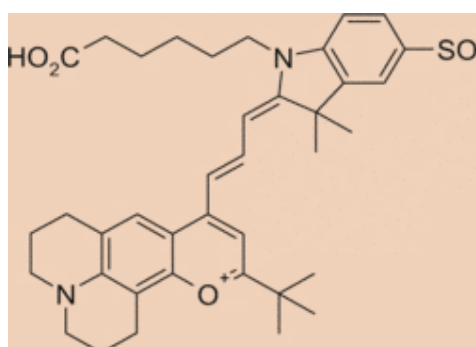
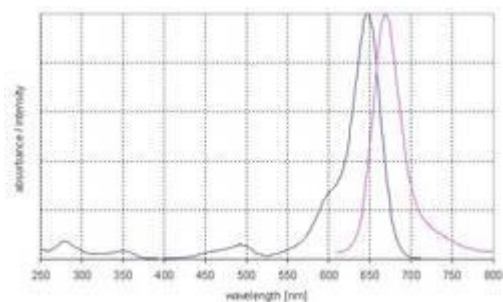
Comments:

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

Available Modifications

Available Modifications	Molecular Weight (g • mol ⁻¹)	Molecular formula
Carboxylic acid	658.86	C ₃₈ H ₄₆ N ₂ O ₆ S
NHS-ester	755.93	C ₄₂ H ₄₉ N ₃ O ₈ S
Amino-derivative	737.41	C ₄₀ H ₅₃ N ₄ O ₅ SCl
Maleimide	780.99	C ₄₄ H ₅₂ N ₄ O ₇ S
Phalloidin	1428.75	C ₇₃ H ₉₃ N ₁₁ O ₁₅ S ₂
dUTP	1187.80	C ₅₀ H ₆₀ N ₅ O ₁₉ P ₃ SLi ₄

Diagram, Formel



Literature

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Napp J., Behnke T., Fischer L., Würth C., Wottawa M., Katschinski D. M., Alves F., Resch-Genger U., Schäferling M., Targeted Luminescent Near-Infrared Polymer-Nanoprobes for In Vivo Imaging of Tumor Hypoxia, *Anal. Chem.*, 83(2011)9039–9046.

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Order Information, Shipping and Storage

Order#	Product	Quantity
MFP-D635-00-1	MFP™-DY-635-Carboxylic Acid	1 mg
shipped at RT; store at RT		
MFP-D635-01-1	MFP™-DY-635-NHS-Ester	1 mg
shipped at RT; store at 4 °C		
MFP-D635-02	MFP™-DY-635-Amino function	1 mg
MFP-D635-03-2	MFP™-DY-635-Maleimide	1 mg
shipped at RT; store at RT		
MFP-D635-30-2	MFP™-DY-635-Biotin	1 mg
shipped at RT; store at RT		
MFP-D635-33	MFP™-DY-635-Phalloidin	300 units
shipped at RT; store at 4 °C		
MFP-D635-34	MFP™-DY-635-dUTP	100 nmol
shipped on blue ice; store at -20 °C		

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