

SUMMARY

shipped at RT;

For research use only



Absorption / emission max.:
673 nm / 694 nm (in Ethanol)

Molar absorbance:
180.000 M⁻¹cm⁻¹

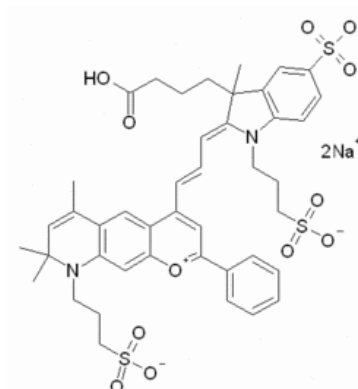
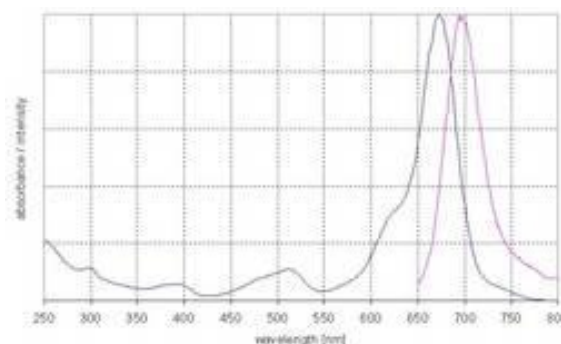
Comments:

- Soluble in water, methanol, DMF, DMSO
- Suitable for protein labeling, microarray experiments, Fish microscopy, gel electrophoresis
- Spectral similar to Cy 5.5, IRD 700 and Alexa FLuor 680
- Two negative charges
- Enhanced water solubility and polarity

Available Modifications

Available Modifications	Molecular Weight (g • mol ⁻¹)	Molecular formula
Carboxylic acid	925.02	C ₄₃ H ₄₆ N ₂ O ₁₂ S ₃ Na ₂
NHS-ester	1022.09	C ₄₇ H ₄₉ N ₃ O ₁₄ S ₃ Na ₂
Amino-derivative	945.13	C ₄₅ H ₅₃ N ₄ O ₁₁ S ₃ Na
Maleimide	1047.15	C ₄₉ H ₅₂ N ₄ O ₁₃ S ₃ Na ₂
dUTP	1535.02	C ₆₁ H ₇₁ N ₆ O ₂₆ P ₃ S ₃ Li ₂

Diagram, Formel



Order Information, Shipping and Storage

Order#	Product	Quantity
MFP-D677-00-1	MFP™-DY-677-Carboxylic Acid	1 mg
shipped at RT; store at RT		
MFP-D677-01-1	MFP™-DY-677-NHS-Ester	1 mg
shipped at RT; store at 4 °C		
MFP-D677-03-2	MFP™-DY-677-Maleimide	1 mg
shipped at RT; store at RT		
MFP-D677-34	MFP™-DY-677-dUTP	100 nmol
shipped on blue ice; store at -20 °C		

Contact and Support

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Customer Service – General inquiries & orders

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