

SUMMARY

shipped at RT

For research use only

Absorption / emission max.:

690 nm / 709 nm (in Ethanol)

Molar absorbance:

140.000 M⁻¹cm⁻¹

Comments:

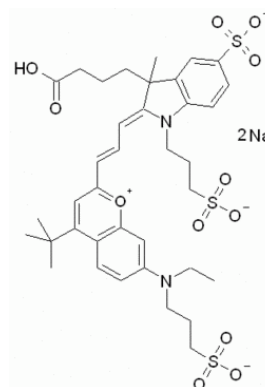
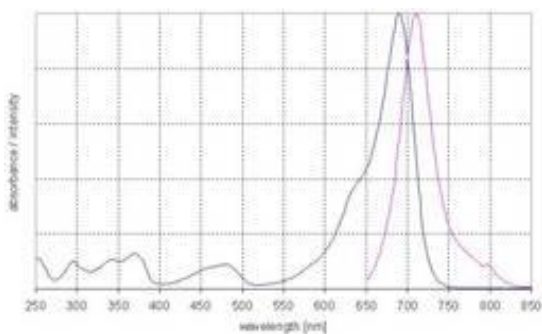
- Soluble in water, methanol, DMF, DMSO
- Bright solid state emission
- Spectral similar to Cy 5.5, IRD 700 and Alexa Fluor 680
- Two negative charges
- Enhanced water solubility and polarity



Available Modifications

Available Modifications	Molecular Weight (g • mol ⁻¹)	Molecular formula
Carboxylic acid	852.96	C ₃₇ H ₄₆ N ₂ O ₁₂ S ₃ Na ₂
NHS-ester	950.03	C ₄₁ H ₄₉ N ₃ O ₁₄ S ₃ Na ₂
Amino-derivative	873.05	C ₃₉ H ₅₃ N ₄ O ₁₁ S ₃ Na
Maleimide	975.08	C ₄₃ H ₅₂ N ₄ O ₁₃ S ₃ Na ₂

Diagram, Formel



Order Information, Shipping and Storage

Order#	Product	Quantity
MFP-D682-00-1	MFP™-DY-682-Carboxylic Acid	1 mg
shipped at RT; store at RT		
MFP-D682-01-1	MFP™-DY-682-NHS-Ester	1 mg
shipped at RT; store at 4 °C		
MFP-D682-02	MFP™-DY-682-Amino function	1 mg
MFP-D682-03-2	MFP™-DY-682-Maleimide	1 mg
shipped at RT; store at RT		
MFP-D682-04	MFP™-DY-682-Hydrazide	1 mg
MFP-D682-06	MFP™-DY-682-TFP-Ester	1 mg
shipped at RT; store at 4 °C		
MFP-D682-30-2	MFP™-DY-682-Biotin	1 mg
shipped at RT; store at RT		
MFP-D682-33	MFP™-DY-682-Phalloidin	300 units
shipped at RT; store at 4 °C		
MFP-D682-34	MFP™-DY-682-dUTP	100 nmol
shipped on blue ice; store at -20 °C		
MFP-D682-10	MFP™-DY-682-Azide	1 mg

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