

SUMMARY

shipped at RT;

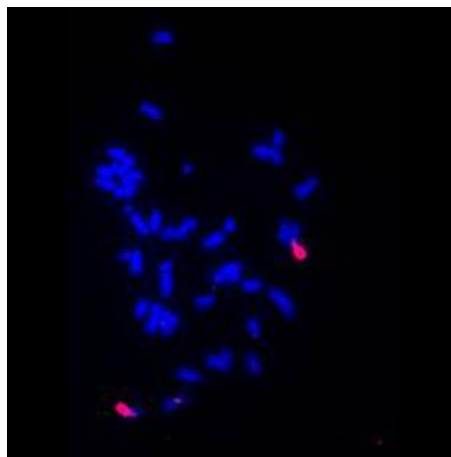
For research use only

Absorption / emission max.:
580 nm / 599 nm (in Ethanol)

Molar absorbance:
120.000 M⁻¹cm⁻¹

Comments:

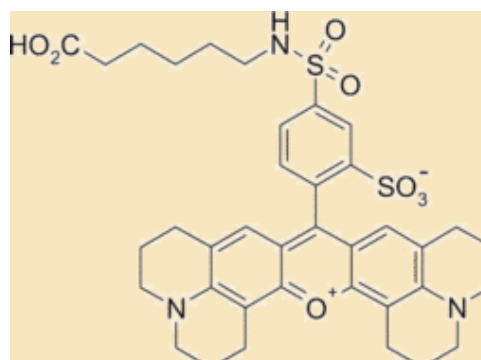
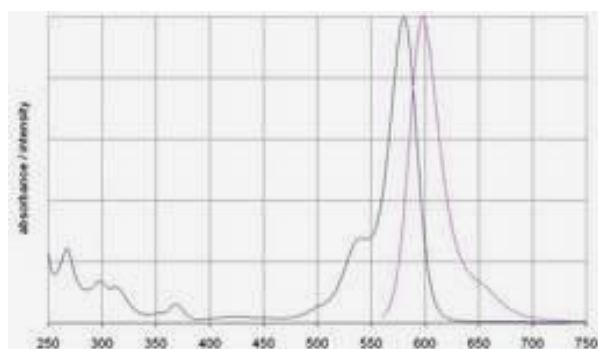
- Soluable in methanol, DMF, DMSO
- Suitable for protein labeling, microarray experiments, FisH microscopy, gel electrophoresis
- Spectral similar to Texas Red



Available Modifications

Available Modifications	Molecular Weight (g • mol ⁻¹)	Molecular formula
Carboxylic acid	719.88	C ₃₇ H ₄₁ N ₃ O ₈ S ₂
NHS-ester	816.96	C ₄₁ H ₄₄ N ₄ O ₁₀ S ₂
Amino-derivative	798.42	C ₃₉ H ₄₈ N ₅ O ₇ S ₂ Cl
Maleimide	842.01	C ₄₃ H ₄₇ N ₅ O ₉ S ₂
Phalloidin	1489.75	C ₇₂ H ₈₈ N ₁₂ O ₁₇ S ₃
dUTP	1248.82	C ₄₉ H ₅₅ N ₆ O ₂₁ P ₃ S ₂ * 4Li

Diagram, Formel



Literature

Nagel S., Ehrentraut S., Tomasch J., Quentmeier H., Meyer C., et al., Ectopic Expression of Homeobox Gene NKX2-1 in Diffuse Large B-Cell Lymphoma Is Mediated by Aberrant Chromatin Modifications. PLoS ONE 8(2013) e61447.

Paesold S., Borchardt D., Schmidt T., Dechyeva D., A sugar beet (*Beta vulgaris* L.) reference FISH karyotype for chromosome and chromosome-arm identification, integration of genetic linkage groups and analysis of major repeat family distribution, The Plant Journal, 72(2012)600–611.

Cupedo T., Crellin N. K., Papazian N., Rombouts E. J., Weijer K., Grogan J. L., Fibbe W. E., Cornelissen J. J., Spits H., Human fetal lymphoid tissue-inducer cells are interleukin 17-producing precursors to RORC+ CD127+ natural killer-like cells, Nature Immunology 10(2008)66 - 74.

Smadja D. M., d'Audigier C., Guerin C. L., Mauge L., Dizier B., Silvestre J.-S., Dal Cortivo L., Gaussem P., Emmerich J., Angiogenic potential of BM MSCs derived from patients with critical leg ischemia, Bone Marrow Transplantation 47(2012) 997–1000.

Order Information, Shipping and Storage

Order#	Product	Quantity
MFP-D590-00-1	MFP™-DY-590-Carboxylic Acid	1 mg
shipped at RT; store at RT		
MFP-D590-01-1	MFP™-DY-590-NHS-Ester	1 mg
shipped at RT; store at 4 °C		
MFP-D590-02	MFP™-DY-590-Amino function	1 mg
MFP-D590-03-2	MFP™-DY-590-Maleimide	1 mg
shipped at RT; store at RT		
MFP-D590-05	MFP™-DY-590-STP-Ester	1mg
MFP-D590-33	MFP™-DY-590-Phalloidin	300units
shipped at RT; store at 4 °C		
MFP-D590-34	MFP™-DY-590-dUTP	100 nmol
shipped on blue ice; store at -20 °C		

Contact and Support

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