Glowing products for science

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CF® Dye MTS

CF® dye MTS are fast-reacting, highly selective thiol-reactive derivatives for reversible labeling of thiol groups with fluorescent CF® dyes.



Product attributes

Chemical reactivity (reacts with)	Thiols
Functional group	MTS
Storage Conditions	Store at -10 to -35 °C or below, Protect from light

Product Description

CF® dyes with a methanethiosulfonate (MTS) group are fast-reacting and highly selective thiol-reactive derivatives that can be used to attach fluorescent CF® dyes to thiol groups. Labeling can be easily reversed using reducing agents like DTT or TCEP.

- Rapid and highly-selective labeling of thiol groups on target molecules with fluorescent CF® dyes.
- Labeling is reversible using reducing reagents like TCEP and DTT.
- Bright, photostable and water-soluble CF® dyes are excellent options for fluorescent labeling.

Superior CF® Dyes
CF® dyes are Biotium's line of next-generation fluorescent dyes that have improved brightness, photostability and water solubility compared to other commercially available fluorescent dyes.

Learn more about CF® Dyes. For more information download the CF® Dye Brochure.

Product	Conjugation	Ex/Em	Size	Catalog No.	Purchase
CF®488A MTS	CF®488A	490/515 nm	1 mg	92097	Purchase 92097
CF®543 MTS	CF®543	541/560 nm	1 mg	92098	Purchase 92098
CF®594 MTS	CF®594	593/614 nm	1 mg	92099	Purchase 92099
CF®640R MTS	CF®640R	642/662 nm	1 mg	92096	Purchase 92096

References

Download a list of CF® dye references.

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Product link: https://biotium-woo.supremeclients.com/product/cf-dye-mts/