

Revised: March 25, 2015

# **Product Information**

## CF™555-dCTP

Catalog Number: 40027

Unit Size: 25 nmol

Molecular Weight: 1553

Color and Form: Red solid

### **Spectral Properties**

 $\lambda_{abs}/\lambda_{em}$  = 555/565 nm (See Figure 1)

CF™555 is spectrally similar to Alexa Fluor®555, Cy®3, DyLight®549, and TRITC

#### Storage and Handling

Store desiccated at  $\leq$  -20°C. When stored as directed, product should be stable for at least 6 months from the date of receipt. For aqueous solutions, prepare single use aliquots and store protected from light at -20°C for up to 6 months. Avoid freeze-thaw cycles. We recommend preparing a 1 mM stock solution in 10 mM Tris pH 7.4.

#### **Product Application**

Fluorophore conjugates of dCTP can be used in standard DNA labeling and synthesis protocols to generate fluorescent dsDNA and oligonucleotide probes.

#### Related Products

Cat. #	Product description
40028	CF™647-dCTP, 25 nmol
40008	CF™488A-dUTP, 25 nmol
40002	CF™543-dUTP, 25 nmol
40005	CF™568-dUTP, 25 nmol
40006	CF™594-dUTP, 25 nmol
40007	CF™640R-dUTP, 25 nmol
40003	CF™680R-dUTP, 25 nmol

Please visit our website at **www.biotium.com** to view our full selection of  $CF^{TM}$  dye bioconjugates, including antibodies, antibody labeling kits, phalloidin, annexin V and  $\alpha$ -bungarotoxin, as well as reagents and kits for genomics and cell biology research.

CF<sup>™</sup> dye technology is covered by pending US and international patents. Alexa Fluor is a registered trademark of Invitrogen; Cy is a registered trademark of GE Healthcare; DyLight is a registered trademark of Pierce Biotechnology.

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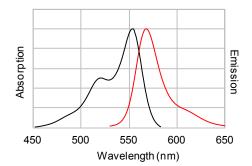


Figure 1. Absorption/emission spectra of CF™555 conjugates