



Cy3-X-dUTP, lyophilized powder

Catalog Number	Packaging Size
C419B	25 nmol

Storage upon receipt: -20°C, protected from light.

User Manual

GeneCopoeia, Inc.

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Cy3-X-dUTP, lyophilized powder

I. Product Description

Cy3-X-dUTP is supplied as lyophilized powder. The nucleotide is designed for enzymatic non-radioactive labeling of DNA by PCR, nick-translation, cDNA synthesis, random primed labeling, or primer extension. Cy3-X-dUTP can be enzymatically incorporated into DNA with Reverse Transcriptases, *Taq* DNA Polymerase, phi29 DNA Polymerase, Klenow Fragment, *exo-*, Klenow Fragment, and DNA Polymerase I. The X linker between Cy3 and dUTP can improve the incorporation efficiency.

II. Specifications

Excitation/Emission (nm): 550/565 nm

Concentration: NA

Storage: Store at -20°C

III. General Characteristics

$\lambda_{max}=550 \text{ nm}$, $\epsilon=150.0 \times 10^3 \text{ M}^{-1}\text{cm}^{-1}$.