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Cy5-X-dUTP, 1 mM in TE buffer

| Catalog Number | Packaging Size |
|----------------|----------------|
| C421 | 25 μ L |

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

I. Product Description

Cy5-X-dUTP is supplied as 1 mM solution in TE buffer. The nucleotide is designed for enzymatic non-radioactive labeling of DNA by PCR, nick-translation, cDNA synthesis, random primed labeling, or primer extension. Cy5-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 Cy5 and dUTP can improve the incorporation efficiency.

II. Specifications

Excitation/Emission (nm): 650/665 nm

Concentration: 1 mM in TE buffer

Storage: Store at -20°C

III. General Characteristics

λ_{\max} =650 nm, ϵ =250.0 $\times 10^3$ M⁻¹cm⁻¹.