



7040 Virginia Manor Road  
Beltsville, MD 20705, USA  
Web: [www.abpbio.com](http://www.abpbio.com);  
Email: [info@abpbio.com](mailto:info@abpbio.com)

## Cy3-X-dUTP, 1 mM in TE buffer

Catalog Number	Packaging Size
C419	25 $\mu$ L

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

### I. Product Description

Cy3-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. 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: 1 mM in TE buffer

Storage: Store at -20°C

### III. General Characteristics

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