

**Cyanine-5- dUTP [Cy5-dUTP] \*1 mM in Tris Buffer (pH 7.5)\***Catalog number: 17026  
Unit size: 25 nmoles**Product Details**

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|--------------------|---|
| Storage Conditions | Freeze (<-15 °C), Minimize light exposure |
| Expiration Date    | 6 months upon receiving                   |

**Chemical Properties**

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|                  |         |
|------------------|---------|
| Appearance       | Liquid  |
| Molecular Weight | 1263.97 |
| Soluble In       | Water   |

**Spectral Properties**

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| Excitation Wavelength | 651 nm |
| Emission Wavelength   | 670 nm |

**Applications**

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The dye-modified deoxyuridine 5'-triphosphates (such as aminoallyl-dUTP) can be used to produce dye-containing DNA by conventional enzymatic incorporation methods such as reverse transcription, nick translation, random primed labeling, or PCR. This enzymatic fluorescence labeling method is widely used for both FISH probes and microarray-based experiments. This Cy5-dUTP conjugate can be used as a red fluorescence color with SpectrumFRed™ filter set (SpectrumFRed™ is the trademark of Vysis). It is chemically same to Cyanine 5-dUTP (Perkin Elmer's NEL579001EA).