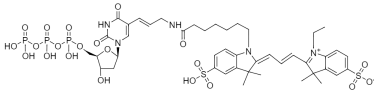


**Cyanine-3- dUTP [Cy3-dUTP] \*1 mM in Tris Buffer (pH 7.5)\***Catalog number: 17025  
Unit size: 25 nmoles**Product Details**

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

**Chemical Properties**

Appearance	Red Liquid
Molecular Weight	1150.00
Soluble In	Water
Chemical Structure	

**Spectral Properties**

Excitation Wavelength	555 nm
Emission Wavelength	569 nm

**Applications**

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 Cy3-dUTP conjugate can be used as a red fluorescence color with Spectrum Orange™ filter set (Spectrum Orange™ is the trademark of Vysis). It is functionally equivalent to Cyanine 3-dUTP (Perkin Elmer's NEL578001EA).