

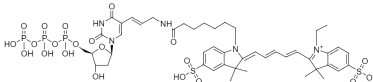
Cyanine-5- dUTP [Cy5-dUTP] *1 mM in Tris Buffer (pH 7.5)*

Catalog number: 17026
Unit size: 25 nmoles

Product Details

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

Chemical Properties

Appearance	Blue Liquid
Molecular Weight	1162.01
Soluble In	Water
Chemical Structure	

Spectral Properties

Excitation Wavelength	651 nm
Emission Wavelength	670 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 Cy5-dUTP conjugate can be used as a red fluorescence color with SpectrumFRed™ filter set (SpectrumFRed™ is the trademark of Vysis). It is functionally equivalent to Cyanine 5-dUTP (Perkin Elmer's NEL579001EA).