

Product Information Sheet

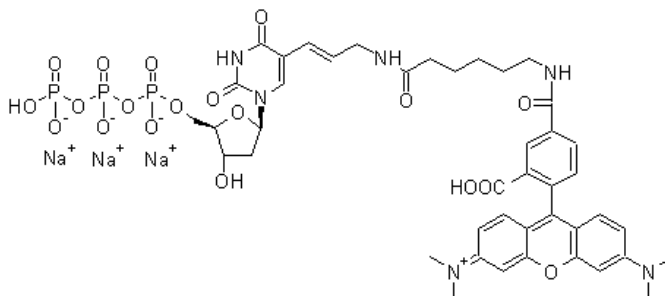
Ordering Information

Product Number: 17023
Product Name: Tetramethylrhodamine-dUTP *1 mM in Tris Buffer (pH 7.5)*
Unit Size: 25 nmoles
Storage Conditions: <-15 °C and kept from light and moisture
Expiration Date: 12 months upon receiving

Chemical and Spectral Properties

Molecular Weight: 1115.77

Chemical Structure:



Soluble in: Water
Excitation Wavelength: 546 nm
Emission Wavelength: 564 nm

Application Notes

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 TMR-dUTP conjugate can be used as an orange fluorescence color with Spectrum Orange™ filter set (Spectrum Orange™ is the trademark of Vysis).