

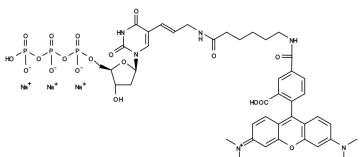
## Tetramethylrhodamine-dUTP \*1 mM in Tris Buffer (pH 7.5)\*

Catalog number: 17023  
Unit size: 25 nmoles

### Product Details

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

### Chemical Properties

|                    |  |
|--------------------|--|
| Appearance         | Purple liquid  |
| Molecular Weight   | 1115.77  |
| Soluble In         | Water  |
| Chemical Structure |  |

### Spectral Properties

|                       |        |
|-----------------------|--------|
| Excitation Wavelength | 552 nm |
| Emission Wavelength   | 578 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 TMR-dUTP conjugate can be used as an orange fluorescence color with Spectrum Orange™ filter set (Spectrum Orange™ is the trademark of Vysis).