

# Cyanine 5-UTP (enhanced)

Cyanine 5-UTP (Enhanced) can replace UTP as a substrate for T7 RNA polymerase in labeling systems that generate labeled probes through *in vitro* transcription. Probes generated by these methods are suitable for multicolor fluorescence analysis, specifically dual-color expression arrays in conjunction with cyanine 3-UTP.

Citations: 9

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## Ordering Information

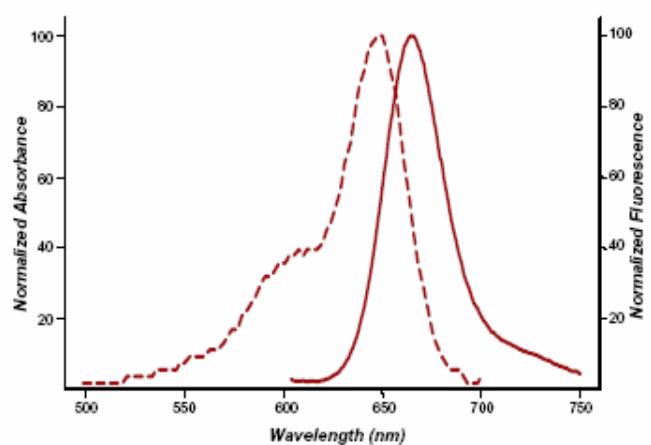
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ENZ-42506

250nmol

## Manuals, SDS & CofA

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## Handling & Storage

<b>Use/Stability</b>	As indicated on product label or CoA when stored as recommended. Stable for at least one year after receipt when stored as recommended.
<b>Handling</b>	Protect from light. Avoid freeze/thaw cycles.
<b>Long Term Storage</b>	-20°C
<b>Shipping</b>	Dry Ice

## Regulatory Status

RUO - Research Use Only

## Product Details

<b>Alternative Name</b>	Cyanine 5-uridine-5'-triphosphate (enhanced)
<b>Appearance</b>	Blue liquid.
<b>Concentration</b>	10mM
<b>Emission Maximum</b>	665 nm
<b>Excitation Maximum</b>	650 nm
<b>Extinction Coefficient</b>	250,000 M-1 cm-1 (650 nm in TE [10 mM TRIS, pH 8.0, 1 mM EDTA])
<b>Formulation</b>	Liquid. Solution in water.
<b>Purity</b>	≥93% (HPLC)
<b>Purity Detail</b>	Purified by ion-exchange chromatography.
<b>Technical Info / Product Notes</b>	Several of Enzo's products and product applications are covered by US and foreign patents and patents pending.

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