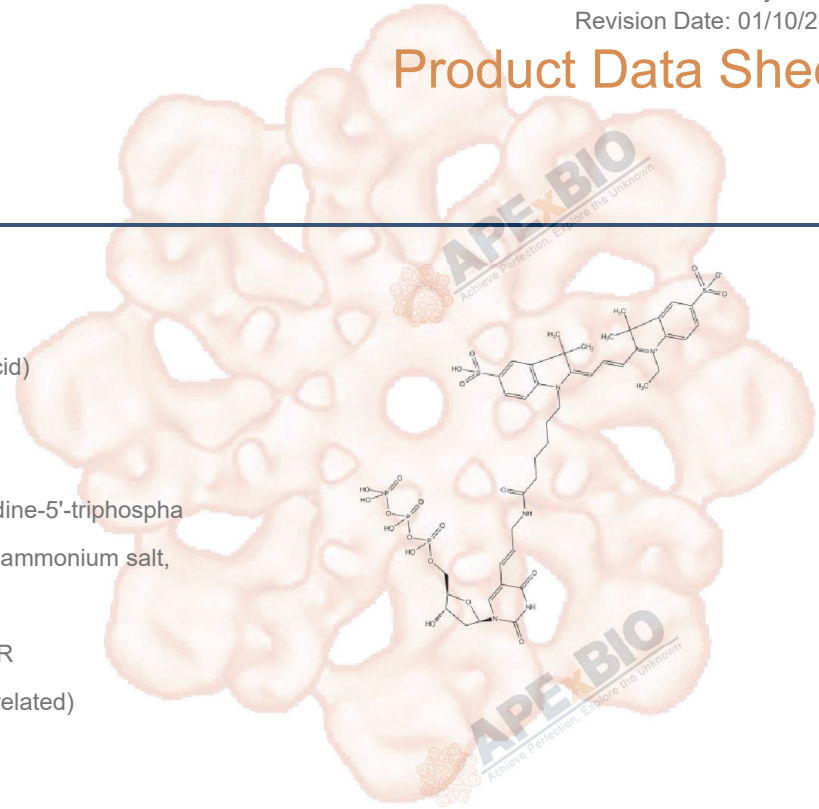


# Product Data Sheet

## Cy3-dUTP

<b>Cat. No.:</b>	B8202
<b>CAS No.:</b>	
<b>Formula:</b>	C43H56N5O21P3S2(free acid)
<b>M.Wt:</b>	1135.97 (free acid)
<b>Synonyms:</b>	Aminoallyl-dUTP - Cy3; 5-(3-Aminoallyl)-2'-deoxyuridine-5'-triphosphate, labeled with Cy3, Triethylammonium salt, Cy3 dUTP, Cyanine 3-dUTP
<b>Target:</b>	Reverse Transcription & PCR
<b>Pathway:</b>	Modified Nucleotides (DNA related)
<b>Storage:</b>	Store at -20°C or below



## Solvent & Solubility

Soluble in H2O

In Vitro	Preparing Stock Solutions	Mass			
		Solvent Concentration	1mg	5mg	10mg
		<b>1 mM</b>	0.8803 mL	4.4015 mL	8.8030 mL
		<b>5 mM</b>	0.1761 mL	0.8803 mL	1.7606 mL
		<b>10 mM</b>	0.0880 mL	0.4402 mL	0.8803 mL

Please refer to the solubility information to select the appropriate solvent.

## Biological Activity

Shortsummary	Direct enzymatic labeling of DNA/cDNA e.g. by PCR and Nick Translation
IC <sub>50</sub> & Target	
In Vitro	<b>Cell Viability Assay</b>
	Preparation method:
In Vivo	<b>Animal experiment</b>
	Applications:

## Caution

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

Specific storage and handling information for each product is indicated on the product datasheet. Most APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short-term storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.



**APExBIO Technology**

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