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<b>Catalog number</b>	C15040-100UL
<b>Description</b>	<p>Pseudo UTP is a modified nucleotide that enables precise RNA modifications and analysis. With its unique structure, pseudo UTP allows for the incorporation of pseudouridine into RNA molecules, mimicking natural post-transcriptional modifications. This versatile compound has extensive applications in studying RNA structure, function, and interactions. Researchers can use pseudo UTP to explore the impact of pseudouridine on RNA stability, translation, and gene expression. By harnessing the potential of pseudo UTP, scientists are uncovering new insights into RNA biology, paving the way for advancements in therapeutics, diagnostics, and synthetic biology.</p>
<b>Concentration</b>	100 mM
<b>Purity</b>	≥ 98% purity confirmed by HPLC.
<b>Form</b>	Liquid. Clear aqueous solutions (pH 7).
<b>Stability &amp; Storage</b>	<p>This product is stable after storage at:</p> <ul style="list-style-type: none"><li>• -20°C or -80°C for 12 months under sterile conditions from date of receipt.</li></ul> <p>Avoid repeated freeze/thaw cycles.</p>
<b>Application</b>	In vitro transcription, RNA amplification, miRNA and siRNA synthesis
<b>Notes</b>	<ul style="list-style-type: none"><li>• Pseudouridine-5'-triphosphate, trisodium salt</li><li>• Mix thoroughly before use and dilute with nuclease-free water if necessary.</li></ul>

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*For Research Use Only. Not for use in diagnostic and therapeutic procedures.*