

**N1-Me-pUTP Sodium Solution**

v. 230601

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<b>Catalog number</b>	C15041-100UL
<b>Description</b>	N1-Me-Pseudo-UTP is a modified nucleotide that offers unique capabilities in studying RNA biology. By incorporating N1-Me-Pseudo-UTP into RNA molecules, researchers can introduce specific modifications and investigate their impact on RNA structure, function, and interactions. This powerful compound enables precise control over RNA modifications, allowing for detailed exploration of RNA processing, splicing, and translation. N1-Me-Pseudo-UTP is driving advancements in understanding RNA-related diseases and paving the way for targeted interventions and novel treatment strategies.
<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>	This product is stable after storage at: <ul style="list-style-type: none"><li>• -20°C or -80°C for 12 months under sterile conditions from date of receipt.</li></ul> Avoid repeated freeze/thaw cycles.
<b>Application</b>	In vitro transcription, RNA amplification, miRNA and siRNA synthesis
<b>Notes</b>	<ul style="list-style-type: none"><li>• N1-methyl-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.*