

## Product Datasheet

### dTTP - Solution (orb1734228)

<b>Description</b>	dTTP, PCR-grade is supplied as ultrapure aqueous solution (pH 8.5) and suitable for all molecular bi...
<b>Form/Appearance</b>	clear aqueous solution; pH: 8.5 ± 0.2 (22 °C)
<b>Concentration</b>	100 mM-110 mM
<b>Storage</b>	store at -20 °C. Short term exposure (up to 1 week cumulative) to ambient temperature possible. If stored as recommended, Jena Bioscience guarantees optimal performance of this product for 12 months after date of delivery
<b>Note</b>	For research use only
<b>Application notes</b>	<b>Spectroscopic Propertie:</b> λ <sub>max</sub> 267 nm, ε 9.5 L mmol <sup>-1</sup> cm <sup>-1</sup> (Tris-HCl, pH 7.0).
<b>Formula</b>	C <sub>10</sub> H <sub>17</sub> N <sub>2</sub> O <sub>14</sub> P <sub>3</sub>
<b>Purity</b>	≥ 99% (HPLC)
<b>MW</b>	Theoretical MW: 482.17 g/mol (free acid)
<b>CAS Number</b>	18423-43-3
<b>SMILES</b>	<chem>Cc1cn(c(=O)[nH]c1=O)[C@@H]1O[C@H](COP(=O)(O)OP(=O)(O)OP(=O)(O)O)[C@@H](O)C1</chem>
<b>Expiration Date</b>	12 months from date of receipt.