

Product Datasheet

dTTP - Solution (orb533047)

Description	dTTP, PCR-grade is supplied as ultrapure aqueous solution (pH 8.5) and suitable for all molecular bi...
Form/Appearance	clear aqueous solution; pH: 8.5 ± 0.2 (22 °C)
Concentration	100 mM-110 mM
Storage	store at -20 °C
Note	For research use only
Application notes	Spectroscopic Propertie: λ _{max} 267 nm, ε 9.5 L mmol ⁻¹ cm ⁻¹ (Tris-HCl, pH 7.0).
Formula	C ₁₀ H ₁₇ N ₂ O ₁₄ P ₃
Purity	≥ 99% (HPLC)
MW	Theoretical MW: 482.17 g/mol (free acid)
CAS Number	18423-43-3
SMILES	<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>
Expiration Date	12 months from date of receipt.