

Product Datasheet

γ -(6-Aminohexyl)-dCTP (orb533219)

Description	γ -(6-Aminohexyl)-dCTP
Form/Appearance	solution in water; Color: colorless to slightly yellow; pH: 7.5 ± 0.5
Concentration	10 mM-11 mM
Storage	store at -20 °C
Note	For research use only
Application notes	Spectroscopic Propertie: $\lambda_{\max}$ 271 nm, ϵ 8.9 L mmol ⁻¹ cm ⁻¹ (Tris-HCl, pH 7.5).
Formula	C ₁₅ H ₂₉ N ₄ O ₁₃ P ₃
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 566.33 g/mol (free acid); Detected MW: 566.09 g/mol (free acid)
SMILES	<chem>n1([C@@H]2O[C@@H]([C@@H](O)C2)COP(=O)(OP(=O)(OP(=O)(OCCCCCN)O)O)O)ccc(nc1=O)N</chem>
Expiration Date	12 months from date of receipt.