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Product Datasheet

ddNTP Bundle
BYT-ORB65051

Article Name	ddNTP Bundle
Biozol Catalog Number	BYT-ORB65051
Supplier Catalog Number	orb65051
Alternative Catalog Number	BYT-ORB65051-4
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	ddNTP Bundle contains four separate solutions of ddATP, ddCTP, ddGTP, and ddTTP at a concentration of 10-11 mM supplied as clear aqueous solutions (pH 7.5 0.5)....
Concentration	10 mM-11 mM
Molecular Weight	Theoretical MW: ddATP: 475.18 g/mol (free acid), ddCTP: 451.16 g/mol (free acid), ddGTP: 491.18 g/mol (free acid), ddTTP: 466.17 g/mol (free acid)
Purity	98% (HPLC)
Form	solution in water, Color: colorless to slightly yellow, pH: 7.5 0.5
Formula	ddATP: C ₁₀ H ₁₆ N ₅ O ₁₁ P ₃ , ddCTP: C ₉ H ₁₆ N ₃ O ₁₂ P ₃ , ddGTP: C ₁₀ H ₁₆ N ₅ O ₁₂ P ₃ , ddTTP: C ₁₀ H ₁₇ N ₂ O ₁₃ P ₃
Application Notes	Application Notes: Spectroscopic Propertie: ddATP: lambdamax 259 nm, epsilon 15.1 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5), ddCTP: lambdamax 271 nm, epsilon 8.9 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5), ddGTP: lambdamax 252 nm, epsilon 14.2 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5), ddTTP: lambdamax 267 nm, epsilon 9.6 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5)