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Product Datasheet

ddCTP, CAS [[66004-77-1]] BYT-ORB65196

Article Name	ddCTP, CAS [[66004-77-1]]
Biozol Catalog Number	BYT-ORB65196
Supplier Catalog Number	orb65196
Alternative Catalog Number	BYT-ORB65196-5
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	ddCTP...
Concentration	10 mM-11 mM
Molecular Weight	Theoretical MW: 451.16 g/mol (free acid), Detected MW: 450.99 g/mol (free acid)
Purity	98% (HPLC)
Form	solution in water, Color: colorless to slightly yellow, pH: 7.5 0.5
CAS Number	[66004-77-1]
Formula	C ₉ H ₁₆ N ₃ O ₁₂ P ₃
Application Notes	Application Notes: SNP: multiplexing by minisequencing, Multiplexed detection of alternatively spliced transcripts, Effect on reverse transcriptase of HIV-1, Molecular dynamic calculations of DNA-polymerase beta-ddCTP complex, Crystal structure with DNA-polymerase-I. Spectroscopic Propertie: lambdamax 271 nm, epsilon 8.9 L mmol ⁻¹ cm ⁻¹ (Tris-HCl, pH 7.5)