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Product Datasheet

dNTP Bundle BYT-ORB65049

Article Name	dNTP Bundle
Biozol Catalog Number	BYT-ORB65049
Supplier Catalog Number	orb65049
Alternative Catalog Number	BYT-ORB65049-4
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	dNTP Bundle contains four separate solutions of ultrapure dATP, dCTP, dGTP and dTTP supplied as clear aqueous solutions (pH 8.5)....
Concentration	100 mM-110 mM
Molecular Weight	Theoretical MW: dATP: 491.18 g/mol (free acid), dCTP: 467.15 g/mol (free acid), dGTP: 507.18 g/mol (free acid), dTTP: 482.17 g/mol (free acid)
Purity	99% (HPLC)
Form	clear aqueous solution, pH: 8.5 0.2 (22 C)
Formula	dATP: C 10H16N5O12P3, dCTP: C 9H16N3O13P3, dGTP: C 10H16N5O13P3, dTTP: C 10H17N2O14P3
Application Notes	Application Notes: Spectroscopic Propertie: dATP: lambdamax 259 nm, epsilon 15.1 L mmol-1cm-1, (Tris-HCl pH 7.0), dCTP: lambdamax 271 nm, epsilon 8.9 L mmol-1cm-1 (Tris-HCl pH 7.0), dGTP: lambdamax 252 nm, epsilon 14.2 L mmol-1cm-1 (Tris-HCl pH 7.0), dTTP: lambdamax 267 nm, epsilon 9.5 L mmol-1cm-1 (Tris-HCl pH 7.0)