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Product Datasheet

5-Propargylamino-dCTP-Cy3 BYT-ORB533140

Article Name	5-Propargylamino-dCTP-Cy3
Biozol Catalog Number	BYT-ORB533140
Supplier Catalog Number	orb533140
Alternative Catalog Number	BYT-ORB533140-5
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	5-Propargylamino-dCTP-Cy3 is recommended for direct enzymatic labeling of DNA/cDNA e.g. by PCR and Nick Translation. It is incorporated as substitute for its natural counterpart dCTP. The resulting Dye-labeled DNA/cDNA probes are ideally suited for ...
Concentration	1.0 mM-1.1 mM
Molecular Weight	Theoretical MW: 1132.97 g/mol (free acid), Detected MW: 1132.21 g/mol (free acid)
Purity	95% (HPLC)
Form	solution in 10 mM Tris-HCl, Color: pink, pH: 7.5 0.5
Formula	C ₄₃ H ₅₅ N ₆ O ₂₀ P ₃ S ₂
Application Notes	Application Notes: Incorporation into DNA/cDNA by: Primer Extension with Klenow fragment, PCR with Taq polymerase in-house data, Nick Translation with DNase I/DNA Polymerase in-house data. Spectroscopic Properties: λ_{exc} 550 nm, λ_{em} 570 nm, ϵ 150.0 L mol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5)