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Product Datasheet

Biotin-11-dUTP BYT-ORB64042

Artikelname	Biotin-11-dUTP
Artikelnummer	BYT-ORB64042
Hersteller Artikelnummer	orb64042
Alternativnummer	BYT-ORB64042-5
Hersteller	Biorbyt
Kategorie	Biochemikalien
Produktbeschreibung	Biotin-11-dUTP is enzymatically incorporated into DNA/cDNA as substitute for its natural counterpart dTTP. The resulting Biotin-labeled DNA/cDNA probes are subsequently detected using streptavidin conjugated with horseradish peroxidase (HRP), alkali...
Konzentration	1.0 mM-1.1 mM
Molekulargewicht	Theoretical MW: 862.67 g/mol (free acid), Detected MW: 862.18 g/mol (free acid)
Reinheit	95% (HPLC)
Formulierung	filtered solution (30 kDa) in 10 mM Tris-HCl, Color: colorless to slightly yellow, pH: 7.5 0.5
Formel	C ₂₈ H ₄₅ N ₆ O ₁₇ P ₃ S

Anwendungsbeschreibung	Application Notes: Incorporation into DNA/cDNA by: PCR with Taqpolymerase & in-house data, Nick Translation with DNase I/DNA Polymerase I & in-house data, Primer Extension with Klenow 3-5 exo- , 3-End Labeling with Terminal deoxynucleotidyl Transferase (TdT), Reverse Transcription with MMLV Reverse Transcriptase. Spectroscopic Propertie: λ_{max} 240/289 nm, ϵ 10.7/7.1 L mmol⁻¹ cm⁻¹, (Tris-HCl pH 7.5)
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