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Product Datasheet

5-TCO-PEG4-dUTP BYT-ORB1734975

Article Name	5-TCO-PEG4-dUTP
Biozol Catalog Number	BYT-ORB1734975
Supplier Catalog Number	orb1734975
Alternative Catalog Number	BYT-ORB1734975-200
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	5-TCO-dUTP is recommended for two-step labeling of DNA/cDNA e.g. by PCR. It is enzymatically incorporated into DNA/cDNA as substitute for its natural counterpart dTTP. The resulting TCO-functionalized DNA/cDNA can subsequently be labeled via Cu(I)-fr...
Concentration	1.0 mM-1.1 mM
Molecular Weight	Theoretical MW: 922.70 g/mol (free acid), Detected MW: 922.24 g/mol (free acid)
Purity	95% (HPLC)
Form	solution in water, Color: colorless to slightly yellow, pH: 7.5 0.5
Formula	C32H53N4O21P3
Application Notes	Application Notes: Incorporation into DNA/cDNA by PCR with Taqpolymerasein-house data. Spectroscopic Propertie: max 240 nm, 10.7 L mmol-1 cm-1 (Tris-HCl, pH 7.5)