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Product Datasheet

Aminoallyl-dUTP - Solid, CAS [[116840-18-7]]
BYT-ORB533130

Article Name	Aminoallyl-dUTP - Solid, CAS [[116840-18-7]]
Biozol Catalog Number	BYT-ORB533130
Supplier Catalog Number	orb533130
Alternative Catalog Number	BYT-ORB533130-1
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	Aminoallyl-dUTP is recommended for two-step labeling of DNA/cDNA e.g. by PCR, Nick Translation, Primer Extension, 3-End Labeling and Reverse Transcription. It is enzymatically incorporated into DNA/cDNA as substitute for its natural counterpart dTTP....
Molecular Weight	Theoretical MW: 523.22 g/mol (free acid), Detected MW: 523.02 g/mol (free acid)
Purity	95% (HPLC)
Form	solid, Color: white to off-white
CAS Number	[116840-18-7]
Formula	C12H20N3O14P3
Application Notes	Application Notes: Incorporation into DNA/cDNA by: PCR with Taqpolymerase in-house data, Nick Translation with DNase I/DNA Polymerase I, Primer Extension with Klenow exo-, 3-End Labeling with Terminal deoxynucleotidyl Transferase (TdT), Reverse Transcription with MMLV Reverse Transcriptase. Spectroscopic Propertie: lambdamax 289 nm, epsilon 7.1 L mmol-1 cm-1 (Tris-HCl, pH 7.5)