

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### 5-Propargylamino-dCTP-ATTO-550 BYT-ORB533138

Article Name	5-Propargylamino-dCTP-ATTO-550
Biozol Catalog Number	BYT-ORB533138
Supplier Catalog Number	orb533138
Alternative Catalog Number	BYT-ORB533138-5
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	5-Propargylamino-dCTP-ATTO-550 is recommended for direct enzymatic labeling of DNA/cDNA by Nick Translation. It is incorporated as substitute for its natural counterpart dCTP. The resulting Dye-labeled DNA/cDNA probes are ideally suited for fluoresc...
Concentration	1.0 mM-1.1 mM
Molecular Weight	Theoretical MW: 1095.97 g/mol (free acid), Detected MW: 1095.33 g/mol (free acid)
Purity	95% (HPLC)
Form	filtered solution (30 kDa) in 10 mM Tris-HCl, Color: red-violet, pH: 7.5 0.5
Formula	C <sub>49</sub> H <sub>60</sub> N <sub>7</sub> O <sub>16</sub> P <sub>3</sub>
Application Notes	Application Notes: Incorporation into DNA/cDNA by-Nick Translation with DNase I/DNA Polymerase lin-house data. Spectroscopic Propertie: lambdaexc 554 nm, lambdaem 576 nm, epsilon 120.0 L mmol-1 cm-1 (Tris-HCl pH 7.5)