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## Product Datasheet

### pCp-Desthiobiotin BYT-ORB533108

Article Name	pCp-Desthiobiotin
Biozol Catalog Number	BYT-ORB533108
Supplier Catalog Number	orb533108
Alternative Catalog Number	BYT-ORB533108-20
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	pCp-Desthiobiotin is recommended for 3-End Labeling of RNA/miRNA with T4 RNA Ligase that conjugates a single Desthiobiotin molecule to the 3-OH group of the RNA/miRNA template. The resulting Desthiobiotin-labeled RNA/miRNA probes are ideally suited f...
Concentration	1.0 mM-1.1 mM
Molecular Weight	Theoretical MW: 698.60 g/mol (free acid), Detected MW: 698.24 g/mol (free acid)
Purity	95% (HPLC)
Form	solution in 10 mM Tris-HCl, Color: colorless to slightly yellow, pH: 7.5 0.5
Formula	C <sub>25</sub> H <sub>44</sub> N <sub>6</sub> O <sub>13</sub> P <sub>2</sub>
Application Notes	Application Notes: Incorporation into RNA/miRNA by 3-End Labeling with T4 RNA Ligase. Spectroscopic Propertie: $\lambda_{max}$ 271 nm, $\epsilon$ 8.9 L mmol <sup>-1</sup> cm <sup>-1</sup> (Tris-HCl, pH 7.5)