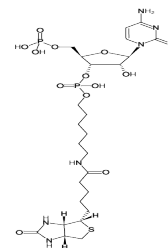


## Product Datasheet

### pCp (Biotin) (orb178353)

<b>Description</b>	pCp-Biotin is recommended for 3'-End Labeling of RNA/miRNA with T4 RNA Ligase that conjugates a sing...
<b>Form/Appearance</b>	solution in 10 mM Tris-HCl; Color: colorless to slightly yellow; pH: 7.5 ± 0.5
<b>Concentration</b>	1.0 mM-1.1 mM
<b>Storage</b>	store at -20 °C
<b>Note</b>	For research use only
<b>Application notes</b>	Incorporation into RNA/miRNA by 3'-End Labeling with T4 RNA Ligase. <b>Spectroscopic Propertie:</b> λ <sub>max</sub> 271 nm, ε 8.9 L mmol <sup>-1</sup> cm <sup>-1</sup> (Tris-HCl, pH 7.5).
<b>Formula</b>	C <sub>25</sub> H <sub>42</sub> N <sub>6</sub> O <sub>13</sub> P <sub>2</sub> S <sub>1</sub>
<b>Purity</b>	≥ 95% (HPLC)
<b>MW</b>	Theoretical MW: 728.65 g/mol (free acid); Detected MW: 728.20 g/mol (free acid)
<b>SMILES</b>	<chem>Nc1nc(=O)n(cc1)[C@@H]1O[C@H](COP(=O)(O)O)[C@H]([C@H]1O)OP(=O)(O)CCCCCNC(=O)CCCC[C@@H]1SC[C@H]2[C@@H]1NC(=O)N2)O</chem>
<b>Hazard Information</b>	Non-Toxic
<b>Expiration Date</b>	12 months from date of receipt.



Chemical structure of pCp (Biotin).