

Product Datasheet

pCp - Desthiobiotin (orb533108)

Description	pCp-Desthiobiotin is recommended for 3'-End Labeling of RNA/miRNA with T4 RNA Ligase that conjugates...
Form/Appearance	solution in 10 mM Tris-HCl; Color: colorless to slightly yellow; pH: 7.5 ± 0.5
Concentration	1.0 mM-1.1 mM
Storage	store at -20 °C
Note	For research use only
Application notes	Incorporation into RNA/miRNA by 3'-End Labeling with T4 RNA Ligase. Spectroscopic Propertie: λ _{max} 271 nm, ε 8.9 L mmol ⁻¹ cm ⁻¹ (Tris-HCl, pH 7.5).
Formula	C ₂₅ H ₄₄ N ₆ O ₁₃ P ₂
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 698.60 g/mol (free acid); Detected MW: 698.24 g/mol (free acid)
SMILES	<chem>Nc1nc(=O)n(cc1)[C@@H]1O[C@H](COP(=O)(O)O)[C@H]([C@H]1O)OP(=O)(O)OCCCCCNC(=O)CCCC[C@H]1C(NC(=O)N1)CO</chem>
Expiration Date	12 months from date of receipt.