

Product Datasheet

pCp (Cy3) (orb178354)

Description	pCp-Cy3 is recommended for 3'-End Labeling of RNA/miRNA with T4 RNA Ligase that conjugates a single ...
Form/Appearance	solution in 10 mM Tris-HCl; Color: pink; 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 _{exc} 550 nm, λ _{em} 570 nm, ε 150.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₄₆ H ₆₄ N ₆ O ₁₈ P ₂ S ₂
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1115.11 g/mol (free acid); Detected MW: 1114.32 g/mol (free acid)
SMILES	<chem>C(=C\C=C/1\N(c2c(C1(C)C)cc(cc2)S(=O)(=O)O)CCCCC(=O)NCCCCCO P(=O)(O[C@@H]1[C@@H](COP(=O)(O)O)[C@@H](n2c(=O)nc(N)cc2)[C@@H]1O)O)/C1=*(CC)c2c(C1(C)C)cc(S(=O)(=O)[O-])cc2</chem>
Expiration Date	12 months from date of receipt.