

Product Datasheet

5-Propargylamino-dCTP (6-ROX) (orb64907)

Description	5-Propargylamino-dCTP conjugated to 6-ROX.
Form/Appearance	solution in water; Color: purple; pH: 7.5 ± 0.5
Concentration	1.0 mM-1.1 mM
Storage	store at -20 °C
Note	For research use only
Application notes	Spectroscopic Propertie: λ _{exc} 575 nm, λ _{em} 600 nm, ε 82.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₄₅ H ₄₇ N ₆ O ₁₇ P ₃
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1036.82 g/mol (free acid); Detected MW: 1036.22 g/mol (free acid)
SMILES	[C@@H]1(C[C@@H](O[C@@H]1COP(=O)(OP(=O)(OP(=O)(O)O)O)O)n1c(=O)nc(c(c1)C#CCNC(=O)c1ccc(c(C2=c3cc4CCC[N+](=O)c4c(CCC5)c3Oc3c4CCCN5CCCc(c45)cc23)c1)C(=O)[O-])N)O
Expiration Date	12 months from date of receipt.