

Product Datasheet

5-Propargylamino-dCTP (ATTO-620) (orb64893)

Description	5-Propargylamino-dCTP conjugated to ATTO-620.
Form/Appearance	solution in water; Color: blue; 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} 620 nm, λ_{em} 642 nm, ϵ 120.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₄₄ H ₅₄ N ₇ O ₁₅ P ₃
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1013.87 g/mol (free acid); Detected MW: 1013.29 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)CCCN(C(=O)c1c(C2=C3C(=CC(=[N+](C)C)C=C3)C(c3c2ccc(c3)N(C)C)(C)C)cccc1)C)N)O
Expiration Date	12 months from date of receipt.