

Product Datasheet

5-Propargylamino-dCTP (ATTO-390) (orb64906)

Description	5-Propargylamino-dCTP conjugated to ATTO-390.
Form/Appearance	solution in water; Color: 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	Spectroscopic Propertie: λ_{exc} 390 nm, λ_{em} 476 nm, ϵ 24.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₃₂ H ₄₂ N ₅ O ₁₆ P ₃
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 845.63 g/mol (free acid); Detected MW: 845.18 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(c1)C#CCNC(=O)CCCN1c2cc3oc(=O)cc(C)c3cc2C(C)CC1(C)C)N)O
Expiration Date	12 months from date of receipt.