

Product Datasheet

7-Propargylamino-7-deaza-dATP (ATTO-465) (orb64742)

Description	7-Propargylamino-7-deaza-dATP conjugated to ATTO-465.
Form/Appearance	solution in water; 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} 453 nm, λ _{em} 506 nm, ε 75.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₃₁ H ₃₅ N ₈ O ₁₃ P ₃
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 820.58 g/mol (free acid); Detected MW: 820.15 g/mol (free acid)
SMILES	[C@@H]1(C[C@@H](O[C@@H]1COP(=O)(OP(=O)(OP(=O)([O-])O)O)O)n1c2c(c(c1)C#CCNC(=O)CCC[n+] ₁ c3cc(ccc3cc3c1cc(cc3)N)N)c(ncn2)N)O
Expiration Date	12 months from date of receipt.