

Product Datasheet

7-Propargylamino-7-deaza-dATP (ATTO-495) (orb64740)

Description	7-Propargylamino-7-deaza-dATP conjugated to ATTO-495.
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} 498 nm, λ _{em} 526 nm, ε 80.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₃₅ H ₄₃ N ₈ O ₁₃ P ₃
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 892.69 g/mol (free acid); Detected MW: 892.21 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)CCN1c3c(cc4c1cc(cc4)N(C)C)ccc(=[N+](C)C)c3)c(ncn2)N)O
Expiration Date	12 months from date of receipt.