

Product Datasheet

7-Propargylamino-7-deaza-ddATP (ATTO-425) (orb64697)

Description	7-Propargylamino-7-deaza-ddATP conjugated to ATTO-425.
Form/Appearance	solution in water; Color: green-yellow; pH: 7.5 ± 0.5
Concentration	0.50 mM-0.55 mM
Storage	store at -20 °C
Note	For research use only
Application notes	Spectroscopic Properties: λ _{exc} 439 nm, λ _{em} 485 nm, ε 45.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₃₆ H ₄₅ N ₆ O ₁₆ P ₃
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 910.70 g/mol (free acid); Detected MW: 910.21 g/mol (free acid)
SMILES	<chem>C1C[C@@H](O[C@@H]1COP(=O)(OP(=O)(OP(=O)([OH2+])O)O)O)n1c2c(c(c1)C#CCNC(=O)CCCN1c3cc4oc(=O)c(C(=O)OCC)cc4cc3C(C)CC1(C)C)c(ncn2)N</chem>
Expiration Date	12 months from date of receipt.