

Product Datasheet

7-Propargylamino-7-deaza-ddGTP (ATTO-620) (orb64621)

Description	7-Propargylamino-7-deaza-ddGTP 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 Properties: λ _{exc} 620 nm, λ _{em} 642 nm, ε 120.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₄₆ H ₅₅ N ₈ O ₁₅ P ₃
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1052.91 g/mol (free acid); Detected MW: 1052.30 g/mol (free acid)
SMILES	OP(=O)([O-])OP(=O)(O)OP(=O)(O)OC[C@H]1O[C@@H](n2cc(c3c(=O)[nH]c(nc23)N)C#CCNC(=O)CCCN(C(=O)c2cccc2C2=C3C(=CC(=[N+](C)C)C=C3)C(c3c2ccc(c3)N(C)C)C)C)C[C@@H]1O
Expiration Date	12 months from date of receipt.