

Product Datasheet

7-Propargylamino-7-deaza-ddGTP (ATTO-647N) (orb64616)

Description	7-Propargylamino-7-deaza-ddGTP conjugated to ATTO-647N.
Form/Appearance	solution in water; Color: blue; 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 Propertie: λ _{exc} 646 nm, λ _{em} 664 nm, ε 150.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₅₆ H ₆₉ N ₈ O ₁₄ P ₃
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1171.11 g/mol (free acid); Detected MW: 1170.41 g/mol (free acid)
SMILES	<chem>N(CC#Cc1c2c(n(c1)[C@@H]1O[C@H](COP(=O)(O)OP(=O)(O)OP(=O)(O)O)CC1)nc(N)[nH]c2=O)C(=O)CCCN(C(=O)c1c(C2=c3cc4c5=[N+](CCC4)CCCc5c3C(c3c2cc2c(c3)N(C(CC2C)(C)C)CC)(C)C)cccc1)C</chem>
Expiration Date	12 months from date of receipt.