

Product Datasheet

7-Propargylamino-7-deaza-ddGTP (ATTO-Rho12) (orb64597)

Description	7-Propargylamino-7-deaza-ddGTP conjugated to ATTO-Rho12.
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 Properties: λ_{exc} 576 nm, λ_{em} 601 nm, ϵ 120.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₅₅ H ₆₉ N ₈ O ₁₆ P ₃
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1191.12 g/mol (free acid); Detected MW: 1190.40 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)[C@@H](O)C1)nc(N)[nH]c2=O)C(=O)CCCN(C(=O)c1c(C2=c3cc4c(=[N+](C(CC4C)(C)C)CC)cc3Oc3c2cc2c(c3)N(C(CC2C)(C)C)CC)cccc1)C</chem>
Expiration Date	12 months from date of receipt.