

Product Datasheet

7-Propargylamino-7-deaza-ddATP (ATTO-Rho12) (orb64673)

Description	7-Propargylamino-7-deaza-ddATP conjugated to ATTO-Rho12.
Form/Appearance	solution in water; 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} 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 ₁₄ P ₃
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1159.12 g/mol (free acid); Detected MW: 1158.41 g/mol (free acid)
SMILES	OP(=O)(O)OP(=O)(O)OP(=O)(O)OC[C@H]1O[C@@H](n2cc(c3c(N)ncnc23)C#CCNC(=O)CCCN(C(=O)c2c(C3=c4cc5c(=[N+])(C(CC5C)(C)C)CC)cc4Oc4c3cc3c(c4)N(C(CC3C)(C)C)CC)cccc2)C)CC1
Expiration Date	12 months from date of receipt.