

Product Datasheet

7-Propargylamino-7-deaza-ddATP (ATTO-655) (orb64682)

Description	7-Propargylamino-7-deaza-ddATP conjugated to ATTO-655.
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} 663 nm, λ_{em} 680 nm, ϵ 125.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₄₁ H ₅₁ N ₈ O ₁₆ P ₃ S
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1036.88 g/mol (free acid); Detected MW: 1036.24 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)CCCN2C(CC(c3c2cc2c(c3)N=c3c(O2)cc2=[N+](CCCC2c3)CC)CS(=O)(=O)[O-])(C)C)CC1
Expiration Date	12 months from date of receipt.