

Product Datasheet

5-Propargylamino-ddCTP (ATTO-655) (orb64844)

Description	5-Propargylamino-ddCTP 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 ₃₉ H ₅₀ N ₇ O ₁₇ P ₃ S
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1013.84 g/mol (free acid); Detected MW: 1013.22 g/mol (free acid)
SMILES	<chem>C1C[C@@H](O[C@@H]1COP(=O)(OP(=O)(OP(=O)(O)O)O)O)n1c(=O)nc(c(c1)C#CCNC(=O)CCCN1c2c(C(CC1(C)C)CS(=O)(=O)[O-])cc1c(c2)Oc2c(=N1)cc1c(=[N+])(CCC1)CC)c2)N</chem>
Expiration Date	12 months from date of receipt.