

Product Datasheet

5-Propargylamino-dCTP (ATTO-Rho6G) (orb64878)

Description	5-Propargylamino-dCTP conjugated to ATTO-Rho6G.
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 Propertie: λ_{exc} 533 nm, λ_{em} 557 nm, ϵ 115.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₄₃ H ₅₂ N ₇ O ₁₆ P ₃
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1015.84 g/mol (free acid); Detected MW: 1015.27 g/mol (free acid)
SMILES	[C@@H]1(C[C@@H](O[C@@H]1COP(=O)(OP(=O)(OP(=O)(O)O)O)O)n1c(=O)nc(c(c1)C#CCNC(=O)CCCN(C(=O)c1c(c2c3cc(/c(=[NH+]/CC)/cc3oc3c2cc(c(c3)NCC)C)C)cccc1)C)N)O
Expiration Date	12 months from date of receipt.