

Product Datasheet

5-Propargylamino-ddCTP (ATTO-465) (orb64858)

Description	5-Propargylamino-ddCTP conjugated to ATTO-465.
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} 453 nm, λ_{em} 506 nm, ϵ 75.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₂₉ H ₃₄ N ₇ O ₁₃ P ₃
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 781.54 g/mol (free acid); Detected MW: 781.14 g/mol (free acid)
SMILES	<chem>C1CC(OC1COP(=O)(OP(=O)(OP(=O)([O-])O)O)O)n1c(=O)nc(c(c1)C#CCNC(=O)CCC[n+]1c2cc(ccc2cc2c1cc(cc2)N)N)N</chem>
Expiration Date	12 months from date of receipt.