

Product Datasheet

5-Propargylamino-ddCTP (ATTO-550) (orb64853)

Description	5-Propargylamino-ddCTP conjugated to ATTO-550.
Form/Appearance	solution in water; Color: red-violet; 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} 554 nm, λ_{em} 576 nm, ϵ 120.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₄₉ H ₆₀ N ₇ O ₁₅ P ₃
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1079.97 g/mol (free acid); Detected MW: 1079.34 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)CCCN(C(=O)c1c(C2=c3cc4C(CC([NH+]=c4cc3O)c3cc4NC(CC(c4cc23)C)(C)C)(C)C)C)cccc1)C)N</chem>
Expiration Date	12 months from date of receipt.