

Product Datasheet

5-Propargylamino-ddCTP (ATTO-594) (orb64849)

Description	5-Propargylamino-ddCTP conjugated to ATTO-594.
Form/Appearance	solution in water; Color: red-violet; 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} 603 nm, λ_{em} 626 nm, ϵ 120.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₅₃ H ₆₄ N ₇ O ₂₁ P ₃ S ₂
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1292.16 g/mol (free acid); Detected MW: 1291.28 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([N+](=c4cc3O)c3cc4N(C(C=C(c4cc23)CS(=O)(=O)O)(C)C)CC(C)C)CS(=O)(=O)[O-]))cccc1)C)N</chem>
Expiration Date	12 months from date of receipt.