

Product Datasheet

7-Propargylamino-7-deaza-ddGTP (ATTO-594) (orb64624)

Description	7-Propargylamino-7-deaza-ddGTP 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 Properties: λ _{exc} 603 nm, λ _{em} 626 nm, ε 120.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₅₅ H ₆₅ N ₈ O ₂₁ P ₃ S ₂
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1331.20 g/mol (free acid); Detected MW: 1330.29 g/mol (free acid)
SMILES	<chem>OP(=O)(O)OP(=O)(O)OP(=O)(O)OC[C@H]1O[C@@H](n2cc(c3c(=O)[nH]c(nc23)N)C#CCNC(=O)CCCN(C(=O)c2c(cccc2)C2=c3cc4C(=CC([N+])(=c4cc3O)c3cc4N(C(C=C(c4cc23)CS(=O)(=O)O)(C)C)CC(C)C)CS(=O)(=O)[O-])C)CC1</chem>
Expiration Date	12 months from date of receipt.