

Product Datasheet

5-Propargylamino-dCTP (ATTO-488) (orb64903)

Description	5-Propargylamino-dCTP conjugated to ATTO-488.
Form/Appearance	solution in water; Color: yellow; 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} 500 nm, λ _{em} 520 nm, ε 90.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₃₇ H ₄₀ N ₇ O ₂₂ P ₃ S ₂
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1091.80 g/mol (free acid); Detected MW: 1091.09 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(ccc1)c1c2c(oc3c1ccc(=[NH2+])c3S(=O)(=O)[O-])c(c(cc2)N)S(=O)(=O)O)C)N)O
Hazard Information	Non-Toxic
Expiration Date	12 months from date of receipt.