

Product Datasheet

5-Propargylamino-ddCTP (ATTO-532) (orb64855)

Description	5-Propargylamino-ddCTP conjugated to ATTO-532.
Form/Appearance	solution in water; Color: orange; 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} 532 nm, λ_{em} 552 nm, ϵ 115.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₄₁ H ₄₈ N ₇ O ₂₁ P ₃ S ₂
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1131.90 g/mol (free acid); Detected MW: 1131.16 g/mol (free acid)
SMILES	<chem>C1C[C@@H](O[C@@H]1COP(=O)(OP(=O)(OP(=O)(O)O)O)n1c(=O)nc(c(c1)C#CCNC(=O)CCCN(C(=O)c1c(ccc1)c1c2c(oc3c1cc/c(=[NH+]/CC)/c3S(=O)(=O)[O-])c(c(cc2)NCC)S(=O)(=O)O)C)N</chem>
Expiration Date	12 months from date of receipt.