

Product Datasheet

5-Propargylamino-CTP (ATTO-425) (orb64952)

Description	5-Propargylamino-CTP conjugated to ATTO-425.
Form/Appearance	solution in water; Color: green-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} 439 nm, λ_{em} 485 nm, ϵ 45.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₃₄ H ₄₄ N ₅ O ₁₉ P ₃
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 919.66 g/mol (free acid); Detected MW: 919.18 g/mol (free acid)
SMILES	[C@@H]1([C@H]([C@@H](O[C@@H]1COP(=O)(OP(=O)(OP(=O)(O)O)O)O)n1c(=O)nc(c(c1)C#CCNC(=O)CCCN1c2cc3oc(=O)c(C(=O)OCC)cc3cc2C(C)CC1(C)C)N)O)O
Expiration Date	12 months from date of receipt.