

Product Datasheet

5-Propargylamino-CTP (ATTO-Thio12) (orb64924)

Description	5-Propargylamino-CTP conjugated to ATTO-Thio12.
Form/Appearance	solution in water; 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} 582 nm, λ_{em} 607 nm, ϵ 110.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₄₁ H ₄₈ N ₇ O ₁₆ P ₃ S
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1019.84 g/mol (free acid)
SMILES	<chem>C(C#Cc1cn(c(=O)nc1N)[C@@H]1O[C@H](COP(=O)(O)OP(=O)(O)OP(=O)(O)[O-])[C@H]([C@H]1O)O)NC(=O)CCCN(C(=O)c1c(ccc1)c1c2c(sc3c1ccc(c3)N(C)C)cc(=[N+](C)C)cc2)C</chem>
Expiration Date	12 months from date of receipt.