

Product Datasheet

7-Propargylamino-7-deaza-ddGTP (ATTO-Thio12) (orb64589)

Description	7-Propargylamino-7-deaza-ddGTP 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 Properties: λ _{exc} 582 nm, λ _{em} 607 nm, ε 110.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₄₃ H ₄₉ N ₈ O ₁₅ P ₃ S
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1042.88 g/mol (free acid)
SMILES	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(ccc2)c2c3c(sc4c2ccc(c4)N(C)C)cc(=[N+](C)C)cc3)C)C[C@H]1O
Expiration Date	12 months from date of receipt.