

Product Datasheet

7-Propargylamino-7-deaza-dATP (ATTO-Thio12) (orb64715)

Description	7-Propargylamino-7-deaza-dATP 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 ₄₃ H ₄₉ N ₈ O ₁₄ P ₃ S
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1026.88 g/mol (free acid)
SMILES	OP(=O)([O-])OP(=O)(O)OC[C@H]1O[C@@H](n2cc(c3c(N)ncnc23)C#CCN C(=O)CCCN(C(=O)c2c(ccc2)c2c3c(sc4c2ccc(c4)N(C)C)cc(=[N+](C)C)cc 3)C)C[C@@H]1O
Expiration Date	12 months from date of receipt.