

Product Datasheet

7-Propargylamino-7-deaza-ddGTP (Cy5) (orb64584)

Description	7-Propargylamino-7-deaza-ddGTP conjugated to Cy5.
Form/Appearance	solution in water; Color: blue; 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} 649 nm, λ _{em} 670 nm, ε 250.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₄₇ H ₅₈ N ₇ O ₁₉ P ₃ S ₂
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1182.05 g/mol (free acid); Detected MW: 1181.24 g/mol (free acid)
SMILES	<chem>C1C[C@@H](O[C@@H]1COP(=O)(OP(=O)(OP(=O)(O)O)O)O)n1c2c(c(c1)C#CCNC(=O)CCCCN1c3ccc(S(=O)(=O)O)cc3C(C)(C)/C/1=C\C=C=C\C1=(c3ccc(cc3C1(C)C)S(=O)(=O)[O-])CC)c(=O)[nH]c(n2)N</chem>
Expiration Date	12 months from date of receipt.