

Product Datasheet

7-Propargylamino-7-deaza-ddGTP (6-JOE) (orb64650)

Description	7-Propargylamino-7-deaza-ddGTP conjugated to 6-JOE.
Form/Appearance	solution in water; pH: 7.5 ± 0.5
Concentration	0.50 mM-0.55 mM
Storage	store at -20 °C
Note	For research use only
Application notes	Spectroscopic Properties: λ _{exc} 520 nm, λ _{em} 548 nm, ε 75.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₃₇ H ₃₂ Cl ₂ N ₅ O ₂₀ P ₃
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1029.02 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)c1cc3C4(c5cc(c(O)c(Cl)c5Oc5c(Cl)c(O)c(cc45)OC)OC(=O)c3cc1)c(=O)[nH]c(n2)N</chem>
Expiration Date	12 months from date of receipt.