

Product Datasheet

7-Propargylamino-7-deaza-ddGTP (5-FAM) (orb64655)

Description	7-Propargylamino-7-deaza-ddGTP conjugated to 5-FAM.
Form/Appearance	solution in water; Color: yellow; 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} 492 nm, λ _{em} 517 nm, ε 83.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₃₅ H ₃₀ N ₅ O ₁₉ P ₃
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 917.56 g/mol (free acid); Detected MW: 917.07 g/mol (free acid)
SMILES	[C@@H]1(C[C@@H](O[C@@H]1COP(=O)(OP(=O)(OP(=O)(O)O)O)O)n1c2c(c(c1)C#CCNC(=O)c1cc(c(cc1)c1c3ccc(=O)cc3oc3c1ccc(O)c3)C(=O)O)c(=O)[nH]c(n2)N)O
Expiration Date	12 months from date of receipt.