

Product Datasheet

5-Propargylamino-dCTP (MANT) (orb64868)

Description	5-Propargylamino-dCTP conjugated to MANT.
Form/Appearance	solution in 10 mM Tris-HCl; Color: colorless to slightly yellow; pH: 7.5 ± 0.5
Concentration	5.0 mM-5.5 mM
Storage	store at -20 °C
Note	For research use only
Application notes	Spectroscopic Propertie: λ _{exc} 335 nm, λ _{em} 440 nm, ε 2.7 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₂₀ H ₂₆ N ₅ O ₁₄ P ₃
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 653.37 g/mol (free acid); Detected MW: 653.07 g/mol (free acid)
SMILES	[C@@H]1(C[C@@H](O[C@@H]1COP(=O)(OP(=O)(OP(=O)(O)O)O)O)n1c(=O)nc(c1)C#CCNC(=O)c1ccccc1NC)N)O
Expiration Date	12 months from date of receipt.