

Product Datasheet

Biotin-11-ddUTP (orb1734023)

Description	Biotin-X-5-Propargylamino-ddUTP
Form/Appearance	filtered solution (30 kDa) in 10 mM Tris-HCl; Color: colorless to slightly yellow; pH: 7.5 ± 0.5
Concentration	1.0 mM-1.1 mM
Storage	store at -20 °C. Short term exposure (up to 1 week cumulative) to ambient temperature possible
Note	For research use only
Application notes	SNP-analysis; DNA sequencing; 3'end labeling. Spectroscopic Propertie: λ _{max} 290 nm, ε 13.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl, pH 7.5).
Formula	C ₂₈ H ₄₃ N ₆ O ₁₆ P ₃ S
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 844.66 g/mol (free acid); Detected MW: 844.17 g/mol (free acid)
SMILES	<chem>C1C[C@@H](O[C@@H]1COP(=O)(OP(=O)(OP(=O)(O)O)O)n1c(=O)[nH]c(=O)c(c1)C#CCNC(=O)CCCCCNC(=O)CCCC[C@H]1[C@@H]2[C@H](CS1)NC(=O)N2</chem>
Expiration Date	12 months from date of receipt.