

Product Datasheet

5-Propargylamino-ddUTP-ATTO-643 (orb1821474)

Description	5-Propargylamino-ddUTP-ATTO-643
Form/Appearance	solution in water; Color: blue; 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	Spectroscopic Propertie: λ_{exc} 643 nm, λ_{em} 665 nm, ϵ 150.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₁₂ H ₁₇ N ₃ O ₁₃ P ₃ -ATTO 643
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1323.26 g/mol (free acid); Detected MW: 1322.35 g/mol (free acid)
SMILES	<chem>C1C[C@@H](O[C@@H]1COP(=O)(OP(=O)(OP(=O)(O)O)O)O)n1c(=O)[nH]c(=O)c(c1)C#CC[N]*</chem>
Expiration Date	12 months from date of receipt.