

Product Datasheet

N6-(6-Amino)hexyl-dATP (ATTO-488) (orb63352)

Description	N6-(6-Amino)hexyl-dATP conjugated to ATTO-488.
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} 500 nm, λ_{em} 520 nm, ϵ 90.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₄₁ H ₅₀ N ₉ O ₂₁ P ₃ S ₂
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1161.93 g/mol (free acid); Detected MW: 1161.18 g/mol (free acid)
SMILES	<chem>C(Nc1c2c(n([C@H]3C[C@@H]([C@H](O3)COP(=O)(OP(=O)(OP(=O)(O)O)O)O)cn2)ncn1)CCCCCNC(=O)CCCN(C)C(=O)c1c(cccc1)c1c2c(oc3c1c cc(=[NH2+])c3S(=O)(=O)[O-])c(c(cc2)N)S(=O)(=O)O</chem>
Expiration Date	12 months from date of receipt.