

Product Datasheet

Aminoallyl-dUTP (ATTO-Thio12) (orb64139)

Description	Aminoallyl-dUTP conjugated to ATTO-Thio12.
Form/Appearance	solution in water; 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} 582 nm, λ_{em} 607 nm, ϵ 110.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₄₁ H ₄₉ N ₆ O ₁₆ P ₃ S
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1006.85 g/mol (free acid)
SMILES	<chem>P(=O)(OP(=O)([O-])O)(O)OP(=O)(O)OC[C@H]1O[C@H](C[C@@H]1O)n1c(=O)[nH]c(=O)c(c1)/C=C/CNC(=O)CCCN(C(=O)c1c(cccc1)c1c2c(sc3c1ccc(c3)N(C)C)cc(=[N+](C)C)cc2)C</chem>
Expiration Date	12 months from date of receipt.