

Product Datasheet

Aminoallyl-dUTP (5-FAM) (orb64172)

Description	Aminoallyl-dUTP conjugated to 5-FAM.
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} 492 nm, λ_{em} 517 nm, ϵ 83.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₃₃ H ₃₀ N ₃ O ₂₀ P ₃
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 881.53 g/mol (free acid); Detected MW: 881.06 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)c1cc(c(cc1)c1c2ccc(=O)cc2oc2c1ccc(O)c2)C(=O)O</chem>
Expiration Date	12 months from date of receipt.