

Product Datasheet

Aminoallyl-dUTP (MANT) (orb64130)

Description	Aminoallyl-dUTP conjugated to MANT.
Form/Appearance	solution in water; Color: colorless to slightly yellow; pH: 7.5 ± 0.5
Concentration	5.0 mM-5.5 mM
Storage	store at -20 °C
Note	For research use only
Application notes	Spectroscopic Propertie: λ_{exc} 335 nm, λ_{em} 440 nm, ϵ 2.7 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₂₀ H ₂₇ N ₄ O ₁₅ P ₃
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 656.37 g/mol (free acid); Detected MW: 656.07 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)c1ccccc1NC</chem>
Expiration Date	12 months from date of receipt.