

Product Datasheet

2'-Fluoro-dUTP (orb178347)

Description	(2'-F-dUTP)
Form/Appearance	solution in water; Color: colorless to slightly yellow; pH: 7.5 ± 0.5
Concentration	100 mM-110 mM
Storage	store at -20 °C
Note	For research use only
Application notes	Spectroscopic Propertie: λ_{max} 262 nm, ϵ 10.1 L mmol ⁻¹ cm ⁻¹ (Tris-HCl, pH 7.5).
Formula	C ₉ H ₁₄ FN ₂ O ₁₄ P ₃
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 486.13 g/mol (free acid); Detected MW: 485.96 g/mol (free acid)
CAS Number	66840-02-6
SMILES	<chem>OP(=O)(O)OP(=O)(O)OP(=O)(O)OC[C@H]1O[C@H]([C@H](F)[C@@H]1O)n1c(=O)[nH]c(=O)cc1</chem>
Expiration Date	12 months from date of receipt.