

Product Datasheet

5-Iodo-dUTP (orb64968)

Description	(5I-dUTP)
Form/Appearance	solution in water; Color: colorless to slightly yellow; pH: 7.5 ± 0.5
Concentration	10 mM-11 mM
Storage	store at -20 °C
Note	For research use only
Application notes	Spectroscopic Propertie: $\lambda_{\max}$ 287 nm, ϵ 7.7 L mmol ⁻¹ cm ⁻¹ (Tris-HCl, pH 7.5).
Formula	C ₉ H ₁₄ N ₂ O ₁₄ P ₃ I
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 594.04 g/mol (free acid); Detected MW: 593.87 g/mol (free acid)
CAS Number	3731-55-3
SMILES	OP(=O)(O)OP(=O)(OP(=O)(OC[C@@H]1[C@H](C[C@H](n2cc(I)c(=O)[nH]c2=O)O1)O)O)O
Expiration Date	12 months from date of receipt.