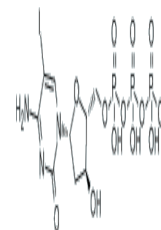


Product Datasheet

5-Iodo-dCTP (orb64969)

Description	(5I-dCTP)
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: λ _{max} 293 nm, ε 5.7 L mmol ⁻¹ cm ⁻¹ (Tris-HCl, pH 7.5).
Formula	C ₉ H ₁₅ N ₃ O ₁₃ P ₃ I
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 593.05 g/mol (free acid); Detected MW: 592.89 g/mol (free acid)
CAS Number	31747-59-8
SMILES	<chem>Ic1cn(c(=O)nc1N)[C@@H]1O[C@H](COP(=O)(O)OP(=O)(O)OP(=O)(O)O)[C@@H](O)C1</chem>
Expiration Date	12 months from date of receipt.



Chemical
Structure of
5I-dCTP