

Product Datasheet

5-Methyl-dCMP (orb1734150)

Description	5-Methyl-dCMP
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. Short term exposure (up to 1 week cumulative) to ambient temperature possible
Note	For research use only
Application notes	Spectroscopic Propertie: λ _{max} 277 nm, ε 9.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl, pH 7.5).
Formula	C ₁₀ H ₁₆ N ₃ O ₇ P
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 321.23 g/mol (free acid); Detected MW: 321.07 g/mol (free acid)
SMILES	<chem>Cc1cn(c(=O)nc1N)[C@@H]1O[C@H](COP(=O)(O)O)[C@@H](O)C1</chem>
Expiration Date	12 months from date of receipt.