

## Product Datasheet

### 5-Methyl-dCMP (orb65354)

<b>Description</b>	5-Methyl-dCMP
<b>Form/Appearance</b>	solution in water; Color: colorless to slightly yellow; pH: 7.5 ± 0.5
<b>Concentration</b>	10 mM-11 mM
<b>Storage</b>	store at -20 °C
<b>Note</b>	For research use only
<b>Application notes</b>	<b>Spectroscopic Propertie:</b> λ <sub>max</sub> 277 nm, ε 9.0 L mmol <sup>-1</sup> cm <sup>-1</sup> (Tris-HCl, pH 7.5).
<b>Formula</b>	C <sub>10</sub> H <sub>16</sub> N <sub>3</sub> O <sub>7</sub> P
<b>Purity</b>	≥ 95% (HPLC)
<b>MW</b>	Theoretical MW: 321.23 g/mol (free acid); Detected MW: 321.07 g/mol (free acid)
<b>SMILES</b>	<chem>Cc1cn(c(=O)nc1N)[C@@H]1O[C@H](COP(=O)(O)O)[C@@H](O)C1</chem>
<b>Expiration Date</b>	12 months from date of receipt.