

## Product Specifications

### 5'-ODMT NAc Deoxy Cytidine Amidite

**Product:** 5'-O-(4,4'-dimethoxytrityl)-N4-acetyl-2'-deoxycytidine, 3'-[(2-cyanoethyl)- (N, N diisopropyl)]-phosphoramidite

**Synonyms:** dC N-Ac Amidite, 5'-ODMT-NAc Deoxy Cytidine 3'-CEPA

**CAS No:** [154110-40-4]

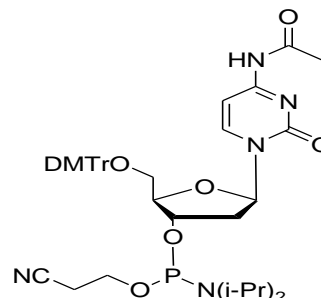
**Structure:**

**Innovassynth Code:** 11120290

**Actylis Code:** 18206

**Molecular Formula:** C<sub>41</sub>H<sub>50</sub>N<sub>5</sub>O<sub>8</sub>P

**Molecular Weight:** 771.84



Test	Specification
Appearance	White to off white solid free from foreign matter
Solubility	No visible particle in 0.2M Acetonitrile solution
Moisture Content by Oven technique	NMT 0.50%
Purity by 31P NMR	NLT 98.0%
Purity by HPLC	NLT 98.0%
Residual Solvent	NMT 1.00%

**Storage Conditions:** Store at -20°C temperature, do not expose to sunlight and moisture.

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