



# Product Specifications

**Product Code: 11540190**

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

**Synonyms:** LNA Thymidine Amidite

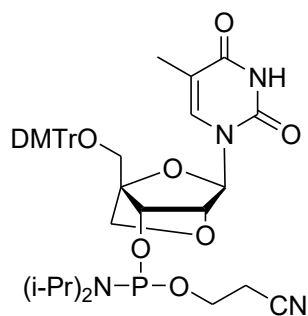
**CAS No:** [206055-75-6]

**Product Code:** 11540190

**Molecular Formula:** C<sub>41</sub>H<sub>49</sub>N<sub>4</sub>O<sub>9</sub>P

**Molecular Weight:** 772.82

**Structure:**



Test	Specification
Appearance	White to off-white free flowing powder
Solubility	No visible particles in 0.2M Acetonitrile solution
Moisture content by Oven technique	NMT 0.50%
Purity by 31P NMR (Solvent: CDCl <sub>3</sub> )	NLT 98.0%
Purity by HPLC	NLT 98.0%
Residual Solvent	NMT 1.0%

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