



# Product Specifications

**Product Code: 11570290**

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

**Synonyms:** LNA N-Bz 5-Me Cytidine Amidite

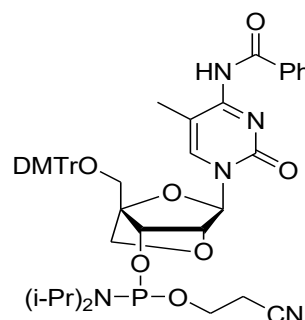
**CAS No:** [206055-82-5]

**Product Code:** 11570290

**Molecular Formula:** C<sub>48</sub>H<sub>54</sub>N<sub>5</sub>O<sub>9</sub>P

**Molecular Weight:** 875.94

**Structure:**



Test	Specification
Appearance	White to off-white free flowing powder
Solubility	No visible particles in 0.2M MDC 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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