

# Product Specifications

**Product Code: 11160290**

**Product:** 5'-O-(4,4'-dimethoxytrityl)-N2-isobutyryl 2'-deoxy Guanosine-3'-[(2-cyanoethyl)-(N, N-diisopropyl)] phosphoramidite

**Synonyms:** dG N-ibu Amidite

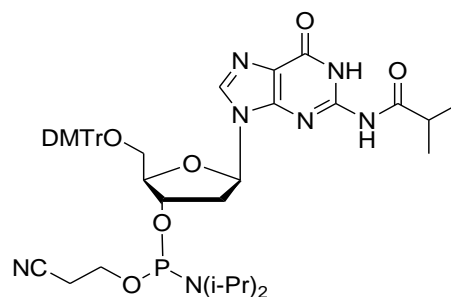
**CAS No:** [93183-15-4]

**Product Code:** 11160290

**Molecular Formula:** C<sub>44</sub>H<sub>54</sub>N<sub>7</sub>O<sub>8</sub>P

**Molecular Weight:** 839.915

**Structure:**



Test	Specification
Appearance	White to off white crystalline solid free from foreign matter
Solubility	No visible particles in 0.2 M Acetonitrile solution
Moisture Content by Oven Technique	NMT 0.5%
31P NMR	NLT 98%
HPLC Purity	NLT 98%
Residual Solvent	NMT 1.0%

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