

## Product Specifications

### 5'-ODMT-2'-OMe-N-iBu Guanosine Amidite

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

**Synonyms:** 5'-ODMT-2'-OMe-N-iBu Guanosine-3'-OCEPA **Structure:**

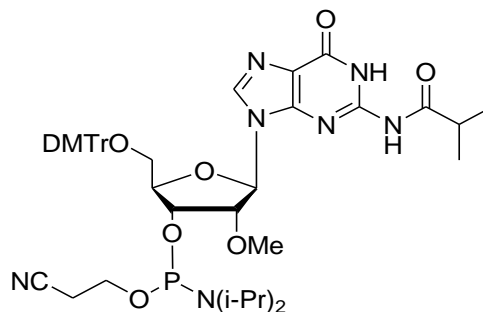
**CAS No:** [150780-67-9]

**Innovassynth Code:** 12430290

**Actylis Code:** 18242

**Molecular Formula:** C<sub>45</sub>H<sub>56</sub>N<sub>7</sub>O<sub>9</sub>P

**Molecular Weight:** 869.94



Test	Specification
Appearance	White to off white solid
Solubility	No visible particle in 0.2 M Acetonitrile solution
Moisture content by Oven technique	NMT 0.50%
Identification by 31P NMR (Solvent: CDCl <sub>3</sub> )	NLT 98.0%
Purity by HPLC (% Area)	NLT 98.0%
Residual Solvent	NMT 1.00%

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

**Innovassynth Technologies (I) Ltd**

**Old Mumbai-Pune Road, Khopoli, Dist. Raigad, Pin - 410203 Maharashtra (India)**

**Tel: 02192-260-100, Email: marketing@innovassynth.com, Website: www.innovassynth.com**