

# Chem-Impex International, Inc.

---

**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

**Web site:** www.chemimpex.com

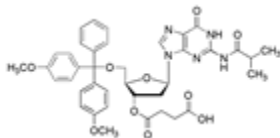
**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

---

## Product Specifications



**Catalogue Number** 00530

**Product** **5'-O-(4,4'-Dimethoxytrityl)-N<sup>2</sup>-isobutyryl-2'-deoxyguanosine-3'-lcaa-CPG**

DMT-dG-lcaa-CPG, 1000A, 20-28 µM/g

**Molecular Formula** C<sub>35</sub>H<sub>36</sub>N<sub>5</sub>O<sub>7</sub>X

**Molecular Weight** 638.697

---

**Sensitivity** Basic Modification : None detected by TLC & HPLC  
(Sensitivity greater than 0.1%)

**Storage** Store at RT

**Additional Information** DMTR Loading : 37.5 µM/gm (measured spectrophotometrically at 504 nm after cleavage with acid)  
Synthesis Test : An Oligonucleotide of 20 bases was synthesized using standard protocol. The average conversion was 98+% by Trityl determination.

**For Laboratory Use Only**