

# ***Chem-Impex International, Inc.***

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## ***Product Specifications***

**Catalogue Number** 00527

**Product** **5'-O-(4,4'-Dimethoxytrityl)-N<sup>6</sup>-benzoyl-2'-deoxyadenosine-3'-lcaa-CPG**

DMT-dA-lcaa-CPG, 1000A, 20-28 µM/g

**Molecular Formula** C<sub>38</sub>H<sub>34</sub>N<sub>5</sub>O<sub>6</sub>X

**Molecular Weight** 656.716

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**Sensitivity** Base Modification : None detected by TLC and HPLC  
(Sensitivity greater than 0.1%)

**Storage** Store at 0 - 8 °C

**Additional Information** DMTR Loading : 33.8 µM/gm (measured spectrophotometrically at 504nm after cleavage with acid)  
Synthesis Test : An oligonucleotide of 20 bases was synthesised using standard protocol.  
The average conversion was 98.9% by trityl determination

**For Laboratory Use Only**