

# *Chem-Impex International, Inc.*

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**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

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## *Product Specifications*

**Catalogue Number** 00379

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

DMT-dC-NBz-lcaa-CPG, 500A, 20-40 µM/g

**Molecular Formula** C37H34N3O7X

**Molecular Weight** 632.69

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**Sensitivity** Base Modification : None detected by TLC & HPLC  
(sensitivity >0.1%)

**Storage** Store at RT

**Additional Information** DMT Loading : 44.5 µM/g (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 99.7% by Trityl determination.

**For Laboratory Use Only**