

# *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** 00703

**Product** **5'-O-(4,4'-Dimethoxytrityl)thymidine-3'-lcaa-CPG**

DMT-T-lcaa-CPG, 500A, 18 $\mu$ M/g

**Molecular Formula** C<sub>31</sub>H<sub>34</sub>N<sub>3</sub>O<sub>6</sub>X

**Molecular Weight** 544.625

---

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

**Storage** Store at RT

**Additional Information** DMT Loading : 18  $\mu$ M/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 99.2% by Trityl determination.

**For Laboratory Use Only**