

Chem-Impex International, Inc.

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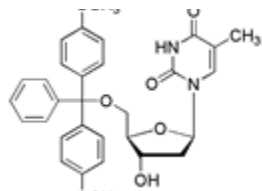
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	14096
Product	5'-O-(4,4'-dimethoxytrityl) thymidine (synthetic) DMT-T (synthetic)
CAS Number	40615-39-2
Molecular Formula	C ₃₁ H ₃₂ N ₂ O ₇
Molecular Weight	544.61

Appearance	White to light yellow powder
Solubility (Turbidity)	Hazen No: ≤ 100 (C = 0.2 mol/L in Acetone)
Water Content (Karl Fisher)	≤ 1.0%
Loss on Drying	≤ 0.5%
Residual Solvents	≤ 0.5%
Related Substances	Single peak : ≤ 0.3% Thymidine : ≤ 0.1% 3'-DMT-PT : ≤ 0.1% Total critical impurities : ≤ 0.3%
Purity by HPLC	≥ 99%
Storage	Store at 0 - 8 °C

For Laboratory Use Only