

Chem-Impex International, Inc.

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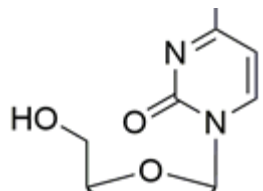
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	37990
Product	Lamivudine 3TC (-)-1-[(2 <i>R</i> ,5 <i>S</i>)-2-(Hydroxymethyl)-1,3-oxathiolan-5-yl]cytosine
CAS Number	134678-17-4
Molecular Formula	C ₈ H ₁₁ N ₃ O ₃ S
Molecular Weight	229.25

Appearance	White to off-white to light yellow to beige crystals or powder
Melting Point	173 - 179 °C
Optical Rotation	[α] _D ²⁰ = -137 to -148 ° (C=1 in Methanol)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 0.2%
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 2 - 8 °C

For Laboratory Use Only