

Certificate of Analysis

General information of the substance

Product name: Lamivudine triphosphate

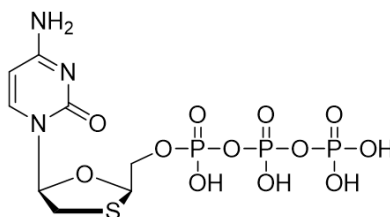
CAS: 143188-53-8

IUPAC name: Triphosphoric acid, *P*-[[[(2*R*,5*S*)-5-(4-amino-2-oxo-1(2*H*)-pyrimidinyl)-1,3-oxathiolan-2-yl]methyl] ester

Cat. No.: SACR143188-53-8

Physical and chemical properties

Chemical Structure:



Molecular Formula: C₈ H₁₄ N₃ O₁₂ P₃ S

Molecular Weight: 469.20 g/mol

Storage: -20 °C

Appearance: White lyophilizate

Package contents: Lamivudine triphosphate Et₃NH⁺ salt

Analytical data

¹H NMR spectrum: Confirms the structure

Purity (LC-MS): 99 %

All the compounds synthesized by Santiago Lab are in excellent purity and are in agreement with our internal standard.