

# Certificate of Analysis

## General information of the substance

**Product name:** Emtricitabine triphosphate

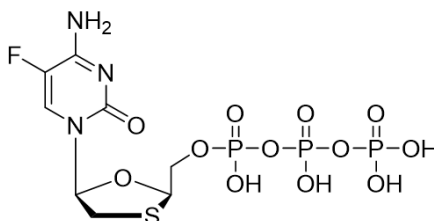
**CAS:** 145819-92-7

**IUPAC name:** Triphosphoric Acid (2*R*-*cis*)-*P*-[[5-(4-Amino-5-fluoro-2-oxo-1(2*H*)-pyrimidinyl)-1,3-oxathiolan-2-yl]methyl] Ester

**Cat. No.:** SACR145819-92-7

## Physical and chemical properties

**Chemical Structure:**



**Molecular Formula:** C<sub>8</sub> H<sub>13</sub> F N<sub>3</sub> O<sub>12</sub> P<sub>3</sub> S

**Molecular Weight:** 487.19 g/mol

**Storage:** -20 °C

**Appearance:** White lyophilizate

**Package contents:** Emtricitabine triphosphate Et<sub>3</sub>NH<sup>+</sup> salt

## Analytical data

**<sup>1</sup>H 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.