

# Certificate of Analysis

## General information of the substance

**Product name:** Telbivudine triphosphate

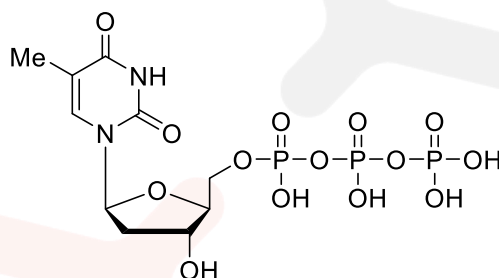
**CAS:** 152502-95-9

**IUPAC name:** 1-[2-deoxy-5-O-[hydroxy[[hydroxy(phosphonoxy)phosphinyl]oxy]phosphinyl]-β-L-erythro-pentofuranosyl]-5-methyl-2,4(1H,3H)-pyrimidinedione

**Cat. No.:** SACR152502-95-9

## Physical and chemical properties

**Chemical Structure:**



**Molecular Formula:** C<sub>10</sub> H<sub>17</sub> N<sub>2</sub> O<sub>14</sub> P<sub>3</sub>

**Molecular Weight:** 428.17 g/mol

**Storage:** -20 °C

**Appearance:** White lyophilizate

**Package contents:** Telbivudine 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.**