

## AZTTP

CATALOG NUMBER: AT-013-0170, 1  $\mu$ mol (10mM x 100  $\mu$ l)

### Application

- Inhibition of HIV reverse transcriptase;
- Inhibition of telomerase activity;
- Inhibition of cell proliferation.

### Description

AZT is a widely used antiviral agent. AZT penetrates the cell membrane and is converted into AZT triphosphate which inhibits the reaction of reverse transcription. AZT triphosphate can be used for inhibition of reverse transcription in vitro and for the investigation of polymerase-substrate interactions.

### Storage

Store at -20 °C, protect from light.

### Concentration

1  $\mu$ mol (100  $\mu$ l of 10 mM solution, pH7.5).

### Purity

96-99% (HPLC).

### Formula

$C_{10}H_{13}N_5O_{13}P_3$ , Molecular Weight (504.2).

