

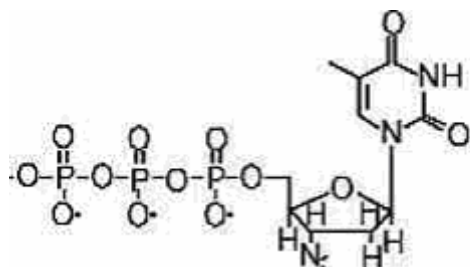
# Genaxxon BioScience

## AZT triphosphate

3'-Azido-3'-deoxythymidine-5'-triphosphate (Tri(triethylammonium) salt)

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Product	Cat#	Package size
AZT triphosphate (100 mM solution)	M3423.0100	100 µl
AZT triphosphate (100 mM solution)	M3423.0500	500 µl



Picture of free acid!

### Product 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.

### Purity

Higher than 96% (by ion-exchange chromatography, TLC, NMR and UV). Substance dissolved in water.

### Specifications

100 mmolar solution  
 C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>13</sub>P<sub>3</sub>  
 MW = 505 g/mol for free acid

### Stability

AZT phosphate is stable for more than 12 months if stored at -20°C. Repeated "freeze-thaw" cycles should be avoided.

### Storage

Store after delivery at -20°C