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# Nucleoside Reverse Transcriptase Inhibitor

National Cancer Institute

## Source

National Cancer Institute. *Nucleoside Reverse Transcriptase Inhibitor*. NCI Thesaurus. Code C97452.

A substance with a structure similar to a nucleoside molecule that is capable of occupying the active catalytic site of a reverse transcriptase resulting in inhibition of enzyme function, chain termination, and inhibition of viral replication. These compounds are converted to their active phosphorylated forms by cellular kinases.