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Ganciclovir

National Cancer Institute

Source

National Cancer Institute. *Ganciclovir*. NCI Thesaurus. Code C517.

A synthetic guanine derivative with antiviral activity. As the active metabolite of ganciclovir, ganciclovir-5-triphosphate (ganciclovir-TP) appears to inhibit viral DNA synthesis by competitive inhibition of viral DNA polymerases and incorporation into viral DNA, resulting in eventual termination of viral DNA elongation.