

[Open Peer Review on Qeios](#)

# Buciclovir

National Cancer Institute

## Source

National Cancer Institute. *Buciclovir*. NCI Thesaurus. Code C73198.

An acyclic guanosine analog with activity against herpes simplex virus (HSV). Buciclovir is phosphorylated to its triphosphate form by HSV thymidine kinase in infected cells and acts as a specific inhibitor of the viral DNA polymerase. It is incorporated into both RNA and DNA but only inhibits DNA synthesis.