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Pimodivir

National Cancer Institute

Source

National Cancer Institute. *Pimodivir*. NCI Thesaurus. Code C158086.

An orally bioavailable non-nucleoside inhibitor of the polymerase basic protein 2 (PB2) subunit of the influenza A virus polymerase complex with potential antiviral activity. Upon administration, pimodivir occupies the 7-methyl GTP (m7GTP) binding site of PB2, thereby blocking the cap-snatching activity of the influenza polymerase complex and inhibiting the synthesis of viral mRNA. PB2 is one of three subunits that make up the influenza A viral polymerase complex, which is responsible for replication and transcription of the viral RNA (vRNA) genome in the nuclei of infected cells.