

Some Important Antiviral Drugs and Their Actions

	Drug	Mode of Action	Usage	Side Effects
Nucleoside Analogues	Trifluorothymidine(F3T) Idoxuridine(IDU)	Thymidine Analogue	Herpes Keratitis	
	Vidarabine=Adenosine Arabinoside=ara-A	Purine Analogue	VZV, HSV, Herpes Keratitis and Encephalitis	Nausea, Phlebitis
	Acyclovir	Guanine Analogue	HSV, VZV	
	Ganciclovir	Guanine Analogue	CMV, CMV Retinitis	
	AZT=Zidovodine=Azidothymidine=Retrovir	Thymidine Analogue	HIV	Bone Marrow
	Dideoxyinosin(DDI)	Dideoxynucleoside Analogue	HIV	
	Ribavirin=Virazole	Purine Precursor Analogue	RNA and DNA Viruses	
	Others	Amantadine(Symmetral)	Synthetic Amine	Influenza A
Rimantadine		Synthetic Amine	Influenza A	
Isatin-β-thiosemicarbazone(IBT)		Effect on late mRNA	Poxvirus	
Rifampin		Effect on Morphogenesis	Vaccinia Virus	
Arlidone, Rhodanine		Effect on Uncoating	Picornaviruses	