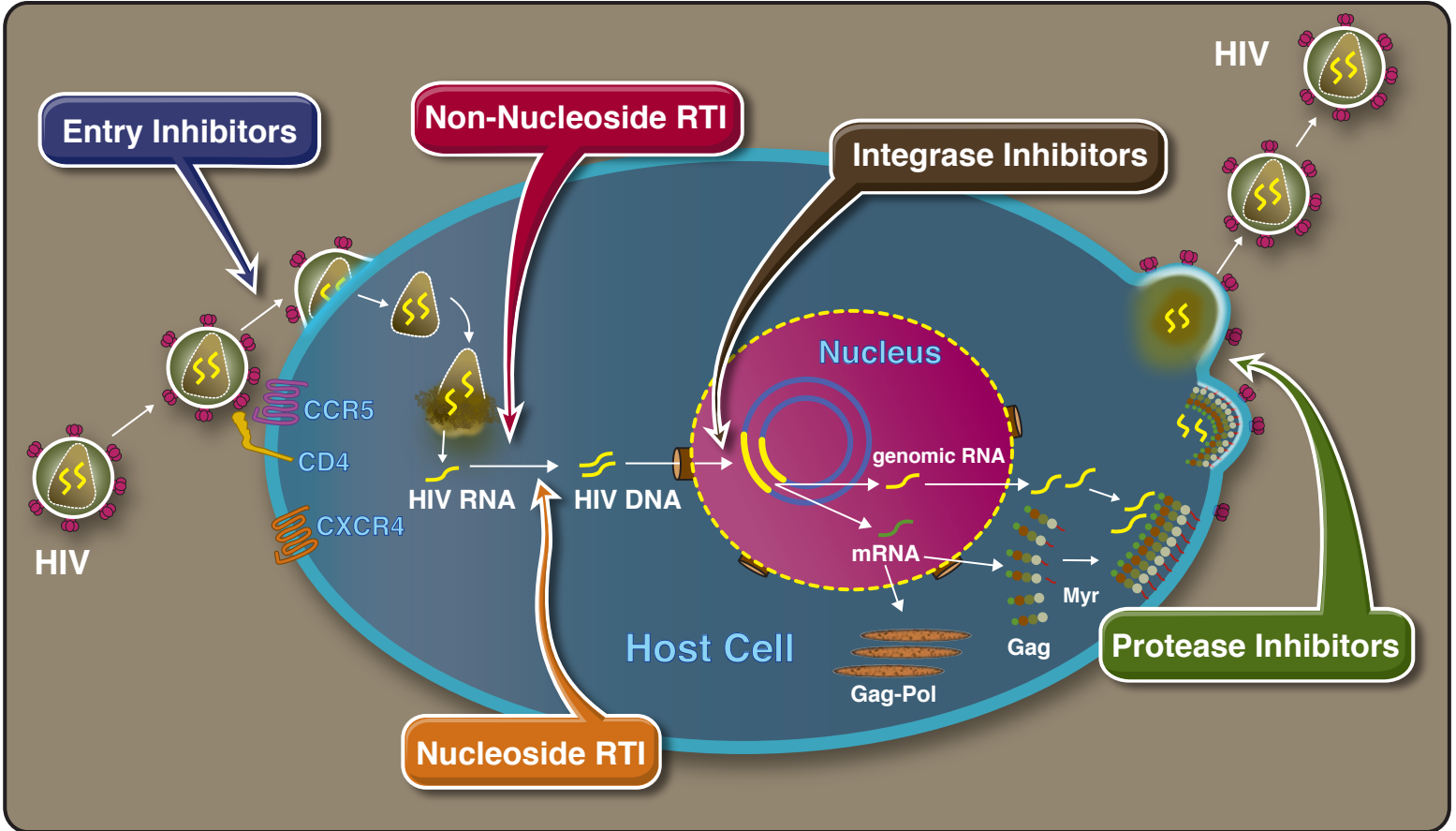
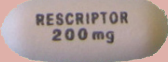
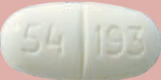
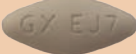
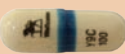
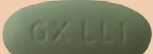
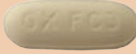
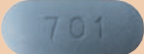




For specific and detailed information regarding dosing recommendations, drug-drug interactions and adverse effects, see the guidelines for the Use of Antiretroviral Agents in HIV-1-Infected Adults and Adolescents at <http://aidsinfo.nih.gov>

Drug Name	Pill	Dose	Adverse Effects
Entry Inhibitors			
Enfuvirtide (ENV) Fuzeon®	 90 mg/ml	Administered dose: 90 mg/mL subcutaneously (SQ) 2 times a day (108 mg vial diluted with 1.1 mL sterile water) • Store at controlled room temperature	Injection site reaction: pain/discomfort, induration, erythema, nodule Other: diarrhea, nausea, vomiting Fatigue, Insomnia
Maraviroc (MVC) Selzentry®	 150 mg 300 mg	1 x 300 mg tablet 2 times a day (With NRTIs, tipranavir/ritonavir, nevirapine, and weak CYP3A inhibitors or CYP3A inducers) 1 x 150 mg tablet 2 times a day (When given with strong CYP3A inhibitors with or without CYP3A inducers) 2 x 300 mg tablet 2 times a day (With CYP3A inducers including efa-	Liver toxicity, cough, fever, upper respiratory infection, rash, musculoskeletal symptoms, stomach pain, dizziness Other: Use with caution in those with liver disease or at risk for cardiovascular events
Non-Nucleoside Reverse Transcriptase Inhibitors (NNRTI)			
Delavirdine (DLV) Rescriptor®	 200 mg	2 x 200 mg tablets 3 times a day • May be taken with or without food	Rash, headache, altered liver function
Efavirenz (EFV) Sustiva®	 200 mg 600 mg	1 x 600 mg tablet once daily at bedtime 3 x 200 mg capsules once daily at bedtime • Empty stomach recommended	Rash, altered liver function, dizziness, insomnia, impaired concentration, drowsiness
Etravirine (ETR) Intelence®	 100 mg	2 x 100 mg tablet 2 times a day • Take with food	Nausea, headache, rash, Stevens-Johnson syndrome, hypersensitivity reaction, erythema
Nevirapine (NVP) Viramune®	 200 mg	1 x 200 mg tablet 2 times a day (start with 200 mg tablet once daily x 14 days) • May be taken with or without food	Rash, headache, altered liver function

Drug Name	Pill	Dose	Adverse Effects
Nucleos(t)ide Reverse Transcriptase Inhibitors (NRTI)			
Abacavir (ABC) Ziagen®	 300 mg	1 x 300 mg tablet 2 times a day 2 x 300 mg tablets once daily • May be taken with or without food	Hypersensitivity reaction symptoms may include: fever, rash, nausea, vomiting, malaise or fatigue, respiratory difficulties
Didanosine (ddI) Videx®	 250 mg  400 mg	1 x 400 mg capsule once daily • Reduce dose for weight < 60 Kg • Take on an <u>empty stomach</u> Note: When combined with tenofovir, reduce didanosine to 250 mg once daily, may be taken with food.	Peripheral neuropathy, pancreatitis, nausea, diarrhea
Emtricitabine (FTC) Emtriva®	 200 mg	1 x 200 mg capsule once daily • May be taken with or without food	Headaches, fatigue, nausea
Lamivudine (3TC) Epivir®	 150 mg  300 mg	1 x 150 mg tablet 2 times a day 1 x 300 mg tablet once daily • May be taken with or without food	Headaches, fatigue, nausea
Stavudine (d4T) Zerit®	 30 mg  40 mg	1 x 40 mg capsule 2 times a day • Reduce dose for weight < 60 Kg 1 x 30 mg capsule 2 times a day • May be taken with or without food	Peripheral neuropathy, altered liver function
Tenofovir DF (TDF) Viread®	 300 mg	1 x 300 mg tablet once daily • May be taken with or without food	Renal insufficiency (rare), nausea, upset stomach
Zidovudine (ZDV, AZT) Retrovir®	 100 mg  300 mg	1 x 300 mg tablet 2 times a day • May be taken with or without food	Anemia, neutropenia, headaches, nausea, body aches, insomnia
Combination NRTIs			
Abacavir + Lamivudine Epzicom®	 ABC 600 mg/3TC 300 mg	1 tablet once daily • May be taken with or without food	Hypersensitivity reaction (as above), headaches, fatigue, nausea DO NOT RECHALLENGE!
Abacavir + Lamivudine + Zidovudine Trizivir®	 ABC 300 mg/3TC 150 mg/ AZT 300 mg	1 tablet 2 times a day • May be taken with or without food	Hypersensitivity reaction (as above), refer to adverse effects listed for individual agents DO NOT RECHALLENGE!
Zidovudine + Lamivudine Combivir®	 AZT 300 mg/3TC 150 mg	1 tablet 2 times a day • May be taken with or without food	Refer to adverse effects listed for individual agents
Tenofovir + Emtricitibine Truvada®	 TDF 300 mg/FTC 200 mg	1 tablet once daily • May be taken with or without food	Refer to adverse effects listed for individual agents
Combination NRTIs + NNRTI			
Tenofovir + Emtricitibine + Efavirenz Atripla®	 TDF 300 mg/FTC 200 mg/ EFV 600 mg	1 tablet once daily at bedtime • Empty stomach recommended	Refer to adverse effects listed for individual agents
Integrase Inhibitors			
Raltegravir (RAL) Isentress®	 400 mg	1 tablet 2 times a day • May be taken with or without food	Nausea, headache, fever, diarrhea Unclear if related: myopathy or rhabdomyolysis

Drug Name	Pill	Dose	Adverse Effects
Protease Inhibitors (PI)			
Atazanavir (ATV) Reyataz®	 150 mg 200 mg 300 mg	2 x 200 mg capsules once daily 1 x 300 mg capsule with ritonavir 100 mg capsule once daily. Note: Use ritonavir boosted dose when combined with efavirenz, nevirapine, or tenofovir • Take with <u>light meal</u> • Consult Reyataz prescribing information for use with antacids, H2-blockers and proton pump inhibitors.	Diarrhea, nausea, rash, abdominal discomfort, increased bilirubin (jaundice)
Darunavir (DRV) Prezista®	 400 mg 600 mg	Always use with ritonavir 1 x 600 mg tablet 2 times a day with ritonavir 1 x 100 mg capsule 2 times a day 2 x 400 mg tablet once a day with ritonavir 1 x 100 mg capsule once a day • Take <u>with food</u>	Diarrhea, nausea, headache, rash ¹
Fosamprenavir (FPV) Lexiva®	 700 mg	PI-naïve patients: 2 x 700 mg tablets 2 times a day 2 x 700 mg tablets once daily with 1 or 2 x 100 mg ritonavir capsules once daily Note: Use ritonavir boosted dose when combined with efavirenz or nevirapine, use ritonavir 300 mg once daily when combined with NNRTIs. 1 x 700 mg tablet 2 times a day with ritonavir 1 x 100 mg capsule 2 times a day PI-experienced patients: 1 x 700 mg tablet 2 times a day with 1 x 100 mg ritonavir capsule 2 times a day • May be taken with or without food	Diarrhea, nausea, headache, rash ¹
Indinavir (IDV) Crixivan®	 400 mg	2 x 400 mg capsules 2 times a day with ritonavir 100-200 mg capsule(s) 2 times a day • Take <u>with food</u> • Drink at least 1.5 liters of fluid per day	Nausea, vomiting, kidney stones, heartburn, increased bilirubin (jaundice)
Lopinavir/ Ritonavir (LPV/r) Kaletra®	 LPV 200 mg/RTV 50 mg	PI-naïve patients: 2 tablets 2 times a day 4 tablets once daily PI-experienced patients: 2 tablets 2 times a day Once daily not recommended Note: Use 3 tablets 2 times a day when used with nevirapine or efavirenz	Diarrhea, nausea, asthenia (lack of strength), headache
Nelfinavir (NFV) Viracept®	 250 mg 625 mg	2 x 625 mg tablets 2 times a day 5 x 250 mg tablets 2 times a day 3 x 250 mg tablets 3 times a day • Always take <u>with food</u>	Diarrhea, nausea, vomiting, abdominal pain
Ritonavir (RTV) Norvir®	 100 mg	Ritonavir is primarily used in low doses to boost drug levels of other protease inhibitors • Keep refrigerated	Diarrhea, nausea, headache
Saquinavir (SQV) Invirase®	 200 mg 500 mg	Always take at same time with ritonavir 2 x 500 mg tablets 2 times a day with ritonavir 100 mg capsule 2 times a day 5 x 200 mg capsules 2 times a day with ritonavir 100 mg capsule 2 times a day • Always take <u>with food</u>	Diarrhea, nausea, headache
Tipranavir (TPV) Aptivus®	 250 mg	Always use with ritonavir PI-experienced patients: 2 x 250 mg capsules 2 times a day with ritonavir 2 x 100 mg capsules 2 times a day • Take <u>with food</u>	Diarrhea, nausea, vomiting, stomach cramps, rash ¹ , intracranial hemorrhage ²

Class Adverse Reactions: hepatotoxicity, insulin resistance/diabetes mellitus, fat maldistribution, osteonecrosis, hyperlipidemia

¹ Caution in patients with known sulfonamide allergy

² Increased bleeding episodes in hemophiliac patients