Images and dosages of medications most commonly used to treat HIV-1 infection (not a complete list of every medication used to treat HIV)

- Treatment of HIV-1 infection requires a combination of different medications, also called antiretroviral drugs
- Some of these medications are combined together into one pill
- These medications (except for ibalizumab-uiyk) should be taken every day as prescribed, in order to control the virus
- These medications do not cure HIV-1 or AIDS
- These medications reduce but do not eliminate the risk of passing HIV-1 to others
- Not all medications are right for all people, and treatment may be different for each person; talk with your doctor or other health care providers if you have questions about your treatment

NOTE: Some of these medications pictured may also be available in a generic form, but the generic forms are not pictured here. Tablets and capsules pictured are not actual size.
Nucleoside Reverse Transcriptase Inhibitors (NRTIs)
NRTIs block reverse transcriptase, an enzyme HIV-1 needs to make copies of itself.

- Abacavir (ABC)*
  trade name: ZIAGEN
  300 mg Ziagen tablet
- Tenofovir alafenamide (TAF or Tenofovir AF)*
  (TAF is only available as part of fixed dose combination tablets for treatment of HIV)
  trade name: PIFELTRO
  100 mg Pifeltro tablet
- Tenofovir disoproxil fumarate (TDF or Tenofovir DF)*
  trade name: SUSTIVA
  150 mg Viread tablet
  40 mg/g Viread oral powder
  200 mg Viread tablet
  300 mg Viread tablet
- Emtricitabine (FTC)*
  trade name: EMTRIVA
  10 mg/mL Emtriva oral solution
  200 mg Emtriva capsule
- Lamivudine (3TC)*
  trade name: EPIVIR
  10 mg/mL Epivir oral solution
  150 mg Epivir tablet
  300 mg Epivir tablet
- Zidovudine (AZT, ZDV)*
  trade name: RETROVIR
  10 mg/mL Retrovir oral solution
  100 mg Retrovir capsule
  200 mg Viread tablet

Non-Nucleoside Reverse Transcriptase Inhibitors (NNRTIs)
NNRTIs bind to and alter reverse transcriptase, an enzyme HIV-1 needs to make copies of itself.

- Doravirine(DOR)*
  trade name: PIFELTRO
  100 mg Pifeltro tablet
- Efavirenz (EFV)*
  trade name: SUSTIVA
  50 mg Sustiva capsule
  200 mg Sustiva capsule
- Etravirine (ETR)
  trade name: INTELENCE
  100 mg Intelence tablet
  200 mg Intelence tablet
- Nevirapine (NVP)
  trade name: VIRAMUNE
  50 mg/3mL Viramune oral suspension
  400 mg Viramune XR tablet (Extended-release)
- Rilpivirine (RPV)*
  trade name: EDURANT
  23 mg Tstratum tablet

Pharmacokinetic (PK) Enhancers
These are pharmacokinetic enhancers/boosters for some antiretroviral medications.

- Cobicistat (COBI or c)*
  trade name: TYBOST
  150 mg Tybost tablet
- Ritonavir (RTV)*
  trade name: NORVIR
  100 mg Norvir capsule
  100 mg Norvir tablet
  100 mg pocket Norvir oral powder

Post-Attachment Inhibitor (PAI)
Monoclonal antibody binds to CD4 receptors to block HIV-1 from entering the CD4 cells of the immune system.

- Ibalizumab-uiyk
  (intravenous infusion administered every 2 weeks)
  trade name: TROGARZO
  150 mg/mL Trogarzo vial

Fusion Inhibitor
Fusion inhibitors block HIV-1 from entering the CD4 cells of the immune system.

- Enfuvirtide [T-20]
  (subcutaneous injection self-administered twice daily)
  trade name: FUZEON
  150 mg Fuzeon vial
### Integrase Strand Transfer Inhibitors (INSTIs)

INSTIs block HIV-1 integrase, an enzyme HIV-1 needs to make copies of itself.

<table>
<thead>
<tr>
<th>INSTI</th>
<th>Trade Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bictegravir (BIC)*</td>
<td>REYATAZ</td>
</tr>
<tr>
<td>Dolutegravir (DTG)*</td>
<td>KALETRA</td>
</tr>
<tr>
<td>Elvitegravir (EVG)*</td>
<td>VIRACEPT</td>
</tr>
<tr>
<td>Raltegravir (RAL)</td>
<td>Tivicay</td>
</tr>
</tbody>
</table>

*These drugs are also available as part of a fixed-dose combination (FDC) product. Images of FDC products are on the last page.

### Protease Inhibitors (PIs)

PIs block HIV-1 protease, an enzyme HIV-1 needs to make copies of itself.

<table>
<thead>
<tr>
<th>PIs</th>
<th>Trade Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atazanavir (ATV)*</td>
<td>REYATAZ</td>
</tr>
<tr>
<td>Lopinavir/Ritonavir</td>
<td>KALETRA</td>
</tr>
<tr>
<td>Nelfinavir (NFV)</td>
<td>VIRACEPT</td>
</tr>
<tr>
<td>Darunavir (DRV)*</td>
<td>PREZISTA</td>
</tr>
<tr>
<td>Saquinavir (SQV)</td>
<td>INVIRASE</td>
</tr>
<tr>
<td>Tipranavir (TPV)</td>
<td>APTIVUS</td>
</tr>
<tr>
<td>Fosamprenavir (FPV)</td>
<td>LEXIVA</td>
</tr>
</tbody>
</table>

* These drugs are also available as part of a fixed-dose combination (FDC) product. Images of FDC products are on the last page.

### CCR5 Antagonists

CCR5 antagonists block CCR5, a protein on the CD4 cells that a certain type of HIV-1 needs to enter the cell.

<table>
<thead>
<tr>
<th>CCR5 Antagonists</th>
<th>Trade Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maraviroc (MVC)</td>
<td>SELZENTRY</td>
</tr>
</tbody>
</table>

The U.S. Department of Health and Human Services created the HIV/AIDS Prevention & Service Provider Locator—a first-of-its-kind, location-based search tool that allows you to search for testing services, housing providers, health centers and other service providers near your current location. You can access this service at: [https://www.hiv.gov/locator](https://www.hiv.gov/locator).

The Centers for Disease Control and Prevention (CDC) Information Line:
- 1-800-232-4636
- 1-888-232-6348—TTY

For information on specific treatments and clinical trials, contact AIDSinfo at:
- 1-800-HIV-0440
- (1-800-448-0440)
- [ContactUS@aidsinfo.nih.gov](mailto:ContactUS@aidsinfo.nih.gov)

NIH Publication No. 18-7628
November 2018
Fixed-Dose Combination Antiretroviral Products

Fixed-dose combination tablets contain two or more medications from one or more drug classes. Medications are listed in alphabetical order by trade name.

These medications may be used as single tablet regimens because they contain multiple antiretroviral drugs that make a full regimen for some patients.

### NRTI Combinations

**Medications are listed in alphabetical order by trade name.**

<table>
<thead>
<tr>
<th>Trade Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIMDUG</td>
<td>300 mg lamivudine/300 mg tenofovir DF tablet</td>
</tr>
<tr>
<td>COMBIVIR</td>
<td>150 mg lamivudine/300 mg zidovudine tablet</td>
</tr>
<tr>
<td>DESCOVY</td>
<td>200 mg emtricitabine/25 mg tenofovir DF tablet</td>
</tr>
<tr>
<td>EPZICOM</td>
<td>600 mg abacavir/300 mg lamivudine tablet</td>
</tr>
<tr>
<td>TRIZIVIR</td>
<td>300 mg abacavir/150 mg lamivudine/300 mg zidovudine tablet</td>
</tr>
<tr>
<td>TRUVADA</td>
<td>100 mg emtricitabine/150 mg tenofovir DF tablet</td>
</tr>
<tr>
<td>EVOTAZ</td>
<td>300 mg atazanavir/150 mg coformulated tablet</td>
</tr>
</tbody>
</table>

### PK-enhanced PI Formulations

**Medications are listed in alphabetical order by trade name.**

<table>
<thead>
<tr>
<th>Trade Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>KALETRA</td>
<td>80 mg lopinavir and 20 mg ritonavir per mL</td>
</tr>
<tr>
<td>PREZCOBIX</td>
<td>800 mg darunavir/150 mg coformulated tablet</td>
</tr>
</tbody>
</table>

### Other Combinations

- ** trade name: ATRIPLA - 600 mg efavirenz/200 mg emtricitabine/300 mg tenofovir DF tablet 
- ** trade name: GENVOYA - 150 mg elvitegravir/150 mg cobicistat/200 mg emtricitabine/10 mg tenofovir DF tablet 
- ** trade name: SYMFI - 600 mg efavirenz/300 mg lamivudine/300 mg tenofovir DF tablet 
- ** trade name: SYMFI LO - 400 mg efavirenz/300 mg lamivudine/300 mg tenofovir DF tablet 
- ** trade name: BIKTARVY - 50 mg bictegravir/200 mg emtricitabine/25 mg tenofovir AF tablet 
- ** trade name: JULUCA - 50 mg dolutegravir/25 mg rilpivirine tablet 
- ** trade name: ODEFSEY - 50 mg dolutegravir/600 mg abacavir/300 mg lamivudine tablet 
- ** trade name: SYMTUZA - 800 mg darunavir/150 mg coformulated tablet/200 mg emtricitabine/10 mg tenofovir DF tablet 
- ** trade name: COMPLERA - 800 mg darunavir/150 mg cobicistat/200 mg emtricitabine/10 mg tenofovir DF tablet 
- ** trade name: STRIBILD - 25 mg rilpivirine/200 mg emtricitabine/25 mg tenofovir AF tablet 
- ** trade name: COMBIVIR - 150 mg lamivudine/300 mg zidovudine tablet 
- ** trade name: EPZICOM - 600 mg abacavir/300 mg lamivudine tablet 
- ** trade name: TRIZIVIR - 300 mg abacavir/150 mg lamivudine/300 mg zidovudine tablet 
- ** trade name: TRUVADA - 100 mg emtricitabine/150 mg tenofovir DF tablet 
- ** trade name: KALETRA - 200 mg lopinavir/50 mg ritonavir tablet 
- ** trade name: DESCOVY - 200 mg emtricitabine/25 mg tenofovir AF tablet 
- ** trade name: EPZICOM - 600 mg abacavir/300 mg lamivudine tablet 
- ** trade name: TRIVACRINE - 133 mg emtricitabine/200 mg tenofovir DF tablet 
- ** trade name: TRIZIVIR - 167 mg emtricitabine/250 mg tenofovir DF tablet 
- ** trade name: EVOTAZ - 300 mg atazanavir/150 mg coformulated tablet 
- ** trade name: KALETRA - 300 mg lopinavir/25 mg ritonavir per mL 
- ** trade name: TRUVADA - 100 mg emtricitabine/300 mg tenofovir DF tablet