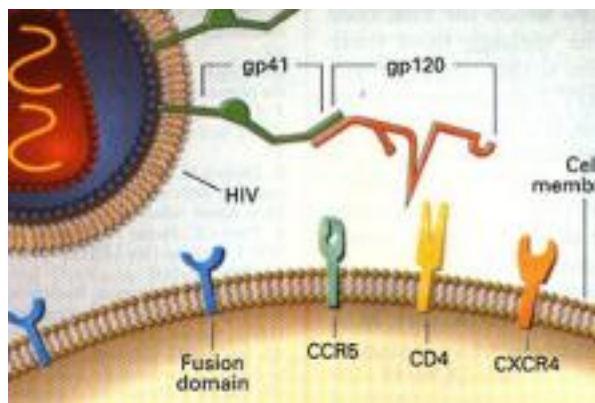


## HIV treatments information

### maraviroc



Maraviroc targets the CCR5 co-receptor used by HIV to gain entry to human cells. Drugs in this class are called CCR5 antagonists, attachment inhibitors or entry inhibitors. They work by attaching themselves to a protein on the surface of CD4 cells called CCR5, blocking the [virus](#) A small infective organism which is incapable of reproducing outside a host cell. from entering the cell. Drugs from this class are particularly useful for treatment-experienced people who have developed [resistance](#) HIV which has mutated and is less susceptible to the effects of one or more anti-HIV drugs is said to be resistant. to other drugs and classes.

CCR5 antagonists can be effective against HIV because they prevent HIV from entering immune system cells (most anti-HIV drugs disrupt the virus' action *inside* the cells). There is some concern however that the use of CCR5 antagonists could cause HIV to evolve to use another co-receptor, CXCR4, for which no blocking drugs are available. People with lower CD4 cells often have some CXCR4-tropic virus, and this may be associated with more aggressive HIV illness compared with the more common CCR5-tropic virus, so this change could have negative impacts.

To avoid this happening, tests must first be performed to determine the type of virus you have, and people with CXCR4-tropic virus, and those with *dual tropism* (a combination of both types of virus) are excluded from using this drug.

### About this treatment

|                |                                                             |
|----------------|-------------------------------------------------------------|
| Generic name:  | maraviroc (MVC)                                             |
| Pronunciation: | <i>ma-RAVV-ur-ok</i>                                        |
| Brand name:    | Celsentri                                                   |
| Also known as: | UK-427,857 (former code name)<br>Selzentry® (US brand name) |
| Drug class:    | CCR5 antagonist                                             |

Availability in Australia:

- **Available on the Pharmaceutical Benefits Scheme (PBS)** through [S100 prescribers](#) since 2010.
- This drug may be available through clinical trials in Australia.
- You may be able to import this drug from overseas for your personal use.

Presentation:

150mg tablet; 300mg tablet.

## Taking it

Like all anti-HIV drugs, maraviroc must be taken in combination with other drugs to be completely effective. Your doctor will advise you on the right combination of drugs to suit your circumstances.

## Dosage

The usual adult dose is one 300mg tablet taken twice a day.

Regardless of what you read on this website or elsewhere, you should always take your medications according to your doctor's instructions. If you're unsure, speak to your doctor or pharmacist.

## Side effects

All drugs can produce side effects in some people. These may be mild, moderate or severe, so you should be aware of potential side effects before starting any drug, and speak to your doctor if you experience side effects that concern you.

- **Common side effects** may include rash, abdominal pain, fever, cough, upper respiratory tract infections, musculoskeletal symptoms, dizziness..
- **Less common side effects** may include liver toxicity.  
It's unlikely you will experience all of these side effects, and you may not experience any side effects at all. Before starting any new drug, ask your doctor about side effects you might experience and discuss strategies for dealing with side effects if they do occur. If you experience any significant side effect you should continue taking your medicine and see your doctor as soon as possible.

## Interactions with other drugs

Numerous other drugs can affect the levels of maraviroc in the bloodstream, including some anticonvulsant drugs, drugs used to treat infections like TB or MAC, anti-HIV treatments and other drugs which may or may not be related to you HIV treatment. Always tell your doctor about all drugs you are taking (including over-the-counter medicines and herbal treatments).

| Attachment                          | Size      |
|-------------------------------------|-----------|
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| <a href="#">5_Celsentri CMI.pdf</a> | 434.38 KB |