

Interaction Report

Report ID:

Date Produced: 04 May 2024

Antiretroviral Treatment

Co-medications

Atazanavir + ritonavir (ATV/r)
Atazanavir alone (ATV)

Omeprazole

This report lists the summaries of potential interactions (i.e. "red", "amber" and "yellow" classifications) for the drugs in the table above.

Interactions with a "green" or "grey" classification (i.e. no clinically significant interaction or no clear data) have been checked and are listed at the end of this report, but summaries are not shown.

For full details of all interactions, see www.hiv-druginteractions.org.

Description of the interactions

Drugs that should not be coadministered (RED)

Atazanavir alone (ATV) + Omeprazole

Coadministration of atazanavir with proton pump inhibitors is not recommended. Administration of omeprazole (40 mg once daily) decreased atazanavir C_{max}, AUC and C_{min} by 96%, 94% and 95%, respectively when given 2 h before atazanavir (400 mg, once daily). Omeprazole C_{max} and AUC increased by 24% and 45% when omeprazole (40 mg single dose) was given 2 hours after atazanavir (400 mg once daily). Coadministration is not recommended in treatment experienced patients. If coadministration is judged unavoidable in treatment-naive patients, close clinical monitoring is recommended and doses of omeprazole should not exceed 20 mg and must be taken approximately 12 hours prior to the atazanavir.

Atazanavir + ritonavir (ATV/r) + Omeprazole

Coadministration of atazanavir with proton pump inhibitors is not recommended. Omeprazole decreased atazanavir (+ritonavir) AUC by 75%. If coadministration is judged unavoidable, close clinical monitoring is recommended and doses of proton pump inhibitors comparable to omeprazole 20 mg should not be exceeded and must be taken approximately 12 hours prior to the atazanavir/ritonavir. The European SmPC recommends increasing the dose of atazanavir to 400 mg with 100 mg of ritonavir.