## Doravirine (DOR) Interactions (also see drug package inserts)

<table>
<thead>
<tr>
<th>Class or Drug</th>
<th>Mechanism of Action</th>
<th>Clinical Comments</th>
</tr>
</thead>
</table>
| Strong inducers or inhibitors of CYP3A [Deeks 2018] | DOR is a substrate of CYP3A, and as such, drugs that affect its metabolism affect its concentrations. | • Avoid concomitant use if possible.  
• Dose adjustments of DOR are not recommended.  
• Consider alternative concomitant agents. |
| Carbamazepine, oxcarbazepine, phenobarbital, phenytoin | Coadministration may significantly reduce concentrations of ARV agents through induction of CYP450 system. | • Coadministration is not recommended; use alternative anticonvulsant.  
• If benefit of use outweighs risk, monitor carefully for efficacy and toxicity.  
• Perform therapeutic drug monitoring if use cannot be avoided. |

**Abbreviations:** ARV, antiretroviral agents; CYP, cytochrome P450.

**No significant interactions/no dose adjustments necessary:** Common oral antibiotics; drugs used as antihypertensive agents; anticoagulants; antiplatelet drugs; statins; antidiabetic drugs; polyvalent cations; asthma and allergy medications; long-acting beta agonists; inhaled and injected corticosteroids; antidepressants; benzodiazepines; sleep medications; antipsychotics; non-opioid pain medications; opioid analgesics and tramadol; hormonal contraceptives; erectile and sexual dysfunction agents; tobacco and smoking cessation products; alcohol, disulfiram, and acamprosate; methadone, buprenorphine, naloxone, and naltrexone; immunosuppressants.

**Reference**