

## Cytochrome P450 3A4 and 3A5 Known Drug Interaction Chart

| CYP3A4 and CYP3A5 Substrates  |  | CYP3A4 and CYP3A5 Inhibitors   |
|---|--|--|
| <p><b>ANTIHISTAMINES</b><br/>astemizole<br/>chlorpheniramine</p> <p><b>ANTIMETRIC</b><br/>aprepitant<br/>ondansetron</p> <p><b>ANESTHESIA/PAIN</b><br/>cafergot<br/>codeine-N-demethylation<br/>fentanyl<br/>levolevomethadyl acetate (LAAM)<br/>lidocaine,<br/>methadone</p> <p><b>ANTIBIOTIC/ANTIVIRAL</b><br/>alfentanil<br/>boceprevir<br/>clarithromycin<br/>efavirenz<br/>erythromycin (not CYP3A5),<br/>indinavir<br/>nelfinavir<br/>nevirapine<br/>quinine<br/>ritonavir<br/>saquinavir<br/>telaprevir<br/>telithromycin.</p> <p><b>CARDIOVASCULAR</b><br/>amlodipine<br/>cilostazol<br/>diltiazem<br/>eplerenone<br/>lercanidipine<br/>nifedipine<br/>nisoldipine<br/>nitrendipine<br/>propranolol<br/>quinidine (not CYP3A5)<br/>verapamil</p> <p><b>HMG COA REDUCTASE INHIBITORS</b><br/>atorvastatin<br/>lovastatin<br/>simvastatin</p> <p><b>IMMUNE MODULATORS</b><br/>cyclosporine<br/>sirolimus<br/>tacrolimus</p> | <p><b>NEUROPSYCHIATRIC</b><br/>alprazolam<br/>diazepam<br/>midazolam<br/>triazolam<br/>haloperidol<br/>aripiprazole<br/>buspirone<br/>carbamazepine<br/>pimozide<br/>quetiapine<br/>risperidone<br/>trazodone<br/>zaleplon<br/>ziprasidone<br/>zolpidem</p> <p><b>ONCOLOGY</b><br/>docetaxel<br/>gleevec<br/>irinotecan<br/>paclitaxel<br/>romidepsin<br/>sorafenib<br/>sunitinib<br/>torisel<br/>vemurafenib<br/>vincristine</p> <p><b>PULMONARY</b><br/>salmeterol<br/>sildenafil</p> <p><b>STEROID</b><br/>dexamethasone<br/>estradiol<br/>hydrocortisone<br/>progesterone<br/>testosterone</p> <p><b>OTHER</b><br/>cocaine<br/>dapson<br/>dextromethorphan<br/>finasteride<br/>nateglinide</p> | <p><b>STRONG INHIBITORS</b><br/>clarithromycin<br/>indinavir<br/>itraconazole<br/>ketoconazole<br/>nefazodone<br/>ritonavir<br/>saquinavir<br/>suboxone<br/>telithromycin</p> <p><b>INTERMEDIATE STRENGTH INHIBITORS</b><br/>aprepitant<br/>erythromycin<br/>fluconazole<br/>grapefruit juice<br/>verapamil<br/>diltiazem</p> <p><b>WEAK INHIBITORS</b><br/>cimetidine</p> <p><b>OTHER POSSIBLE INHIBITORS</b><br/>amiodarone<br/>boceprevir<br/>chloramphenicol<br/>ciprofloxacin<br/>delaviridine<br/>diethyl-dithiocarbamate<br/>fluvoxamine<br/>gestodene<br/>imatinib<br/>mibefradil<br/>mifepristone<br/>norfloxacin<br/>norfluoxetine<br/>starfruit<br/>telaprevir<br/>voriconazole</p> |

## CYP3A4 and CYP3A5 Inducers

barbiturates  
carbamazepine  
efavirenz  
glucocorticoids  
modafinil  
nevirapine  
oxcarbazepine  
phenobarbital  
phenytoin  
pioglitazone  
rifabutin  
rifabutin  
St. John's Wort  
troglitazone