

CYP3A4 substrates

- tricyclic antidepressants
 - amitriptyline
 - clomipramine
 - imipramine
 - cyclobenzaprine
- SSRI antidepressants
 - citalopram
 - norfluoxetine
 - sertraline
- other antidepressants
 - mirtazapine
 - nefazodone
 - reboxetine
 - venlafaxine
 - trazodone
 - vilazodone
 - buspirone
- antipsychotics
 - haloperidol
 - aripiprazole
 - risperidone
 - ziprasidone
 - pimozide
 - quetiapine

- lurasidone
- immunosuppressants
 - cyclosporin
 - tacrolimus
 - sirolimus
 - upadacitinib
- chemotherapeutics
 - docetaxel
 - tamoxifen
 - paclitaxel
 - cyclophosphamide
 - doxorubicin
 - erlotinib
 - etoposide
 - ifosfamide
 - teniposide
 - vinblastine
 - vincristine
 - vindesine
 - imatinib
 - irinotecan
 - sorafenib
 - sunitinib
 - vemurafenib
 - temsirolimus

- anastrozole
- gefitinib
- azole antifungals
 - ketoconazole
 - itraconazole
- macrolides (except azithromycin)
 - clarithromycin
 - erythromycin
 - telithromycin
- dapsone
- opioids
 - alfentanil
 - buprenorphine
 - codeine
 - fentanyl
 - hydrocodone
 - methadone
 - levacetylmethadol
 - tramadol
- benzodiazepines
 - alprazolam
 - midazolam
 - triazolam
 - diazepam
 - clonazepam

- hypnotics
 - zopiclone
 - zaleplon
 - zolpidem
- donepezil
- statins (except pravastatin)
 - atorvastatin
 - lovastatin
 - simvastatin
 - cerivastatin
- calcium channel blockers
 - diltiazem
 - felodipine
 - nifedipine
 - verapamil
 - amlodipine
 - lercanidipin
 - nitrendipin
 - nisoldipin
- amiodarone
- dronedarone
- quinidine
- PDE5 inhibitors
 - sildenafil
 - tadalafil

- kinins
- steroids
 - sex hormones
 - finasteride
 - estradiol
 - progesterone
 - ethinylestradiol
 - testosterone
 - toremifene
 - bicalutamide
 - glucocorticoids
 - budesonide
 - hydrocortisone
 - dexamethasone
 - fluticasone
- H1-receptor antagonists
 - terfenadine
 - astemizole
 - chlorphenamine
- protease inhibitors
 - indinavir
 - ritonavir
 - saquinavir
 - nelfinavir
- antiretroviral drugs

- nevirapine
- delavirdine
- efavirenz
- etravirine
- rilpivirine
- certain angiotensin II receptor blockers
 - losartan
 - irbesartan
- albendazole
- cisapride
- aprepitant
- caffeine
- cocaine
- cilostazol
- dextromethorphan
- domperidone
- eplerenone
- lidocaine
- ondansetron
- propranolol
- salmeterol
- warfarin
- clopidogrel
- 2-oxo-clopidogrel
- omeprazole

- nateglinide
- methoxetamine
- montelukast
- vilaprisan

CYP3A4 Inducers

Strong: decrease the AUC by $\geq 80\%$

Moderate: decrease the AUC by ≥ 50 to $< 80\%$

Strong inducers

- carbamazepine
- antiandrogens
 - enzalutamide
 - apalutamide
- phenytoin
- rifampin

Weak inducers

- upadacitinib

Inducers of unspecified potency

- anticonvulsants
 - oxcarbazepine
 - topiramate
- barbiturates
 - phenobarbital
 - butalbital
- St. John's wort
- bactericidals
 - rifampicin
 - rifabutin
- antiretroviral drugs
 - efavirenz

- nevirapine
- troglitazone
- glucocorticoids
- modafinil
- capsaicin
- brigatinib
- clobazam
- dabrafenib
- elagolix
- eslicarbazepine
- letermovir
- lorlatinib
- oritavancin
- perampanel
- telotristat

CYP3A4 Inhibitors

Strong: ≥ 5 -fold increase in the plasma AUC values ($>80\%$ decrease in clearance)

Moderate: ≥ 2 -fold increase in the plasma AUC values ($50\text{--}80\%$ decrease in clearance)

Weak: ≥ 1.25 -fold and < 2 -fold increase in the plasma AUC values ($20\text{--}50\%$ decrease in clearance)

Strong inhibitors

- protease inhibitors
 - boceprevir
 - ritonavir
 - indinavir
 - nelfinavir
 - saquinavir
- macrolide antibiotics
 - clarithromycin
 - erythromycin
 - telithromycin
- ceritinib
- mibefradil
- nefazodone
- ribociclib
- tucatinib
- chloramphenicol
- azole antifungals
 - ketoconazole
 - itraconazole
 - posaconazole

- voriconazole
- cobicistat
- green tea extract
- grape seed extract
- dillapiole
- apigenin

Moderate inhibitors

- amiodarone
- aprepitant
- ciprofloxacin
- conivaptan
- crizotinib
- rutin
- tofisopam
- calcium channel blockers
 - verapamil
 - diltiazem
- azole antifungals
 - fluconazole
 - miconazole
- bergamottin
- cyclosporine
- donedarone
- fluvoxamine
- imatinib

- valerian

Weak inhibitors

- berberine
- buprenorphine
- cafestol (in unfiltered coffee)
- cilostazol
- cimetidine
- fosaprepitant
- lomitapide
- orphenadrine
- omeprazole
- quercetin
- ranitidine
- ranolazine
- tacrolimus
- ticagrelor
- valproic acid
- amlodipine
- azithromycin

Inhibitors of unspecified potency

- cannabidiol
- dithiocarbamate
- mifepristone
- norfloxacin
- antiretroviral drugs

- delavirdine
- gestodene
- star fruit
- milk thistle
- niacin
- ginkgo biloba
- sesamin
- piperine
- isoniazid
- serenoa