



## Cytochrome P450 family

### Substrates

2C19

Proton Pump

Inhibitors:

lansoprazole

omeprazole

pantoprazole

rabeprazole

E-3810

piroxicam

suprofen

Anti-epileptics:

diazepam=>Nor

phenytoin(O)

S-mephenytoin

phenobarbital

amitriptyline

carisoprodol

citalopram

clomipramine

cyclophosphamide

hexobarbital

imipramine N-

DeMe

indomethacin

R-mephobarbital

moclobemide

nelfinavir

nilutamide

primidone

progesterone

proguanil

propranolol

teniposide

R-warfarin=>8-

OH

sertraline

2C9

NSAIDs:

diclofenac

ibuprofen

lornoxicam

meloxicam

S-

naproxen=>Nor

amitriptyline

clomipramine

Oral

Hypoglycaemic

Agents:

tolbutamide

glipizide

Angiotensin II

Blockers:

losartan

irbesartan

Sulfonylureas:

glyburide/

glibenclamide

glipizide

glimepiride

tolbutamide

amitriptyline

celecoxib

fluoxetine

fluvastatin

glyburide

nateglinide

phenytoin=>4-

OH

rosiglitazone

tamoxifen

torsemide

S-warfarin

2D6

Beta Blockers:

carvedilol

-metoprolol

propafenone

timolol

Antidepressants:

desipramine

imipramine

paroxetine

Antipsychotics:

haloperidol

perphenazine

risperidone=>9OH

thioridazine

alprenolol

amphetamine

aripipazole

atomoxetine

bufuralol

chlorpheniramine

chlorpromazine

codeine (=>O-desMe)

debrisoquine

dexfenfluramine

dextromethorphan

duloxetine

encainide

flecainide

fluoxetine

fluvoxamine

lidocaine

metoclopramide

methoxyamphetamine

mexiletine

minaprine

nebivolol

nortriptyline

ondansetron

perhexilline

phenacetin

phenformin

propranolol

sparteine

tamoxifen

tramadol

venlafaxine

# Cytochrome P450 family

## Inhibitors

### 2C19

chloramphenicol  
fenofibrate  
felbamate  
fluoxetine  
fluvoxamine  
indomethacin  
ketoconazole  
lansoprazole  
modafinil  
omeprazole  
oxcarbazepine  
probenicid  
ticlopidine  
topiramate

### 2C9

amiodarone  
bupropion  
fluconazole  
fluvastatin  
fluvoxamine  
isoniazid  
lovastatin  
phenylbutazone  
probenicid  
sertraline  
sulfamethoxazole  
sulfaphenazole  
teniposide  
voriconazole  
zafirlukast

### 2D6

amiodarone  
dithiocarbama  
celecoxib  
chlorpromazine  
chlorpheniramine  
cimetidine  
citalopram  
clomipramine  
cocaine  
doxepin  
doxorubicin  
duloxetine  
escitalopram  
fluoxetine  
halofantrine  
red-haloperidol  
levomepromazine  
metoclopramide  
methadone  
mibefradil  
moclobemide  
paroxetine  
quinidine  
ranitidine  
ritonavir  
sertraline  
terbinafine  
diclopidine  
histamine H1 receptor  
anagonists  
diphenhydramine  
chlorpheniramine  
clemastine  
perphenazine  
tripelennamine

## Inducers

### 2C19

carbamazepine  
norethindrone  
NOT pentobarbital  
prednisone  
rifampin

### 2C9

rifampin  
secobarbital

### 2D6

dexamethasone  
rifampin

## VIC

1868 Dandenong Rd  
Clayton, VIC 3168  
(03) 9538 6777

## WA

GPL, 223 High St  
Fremantle, WA 6160  
(08) 9430 4850

## NT

Darwin Private Hospital  
Rocklands Dr  
Casuarina NT 0810  
(08) 8947 9400

## NSW

DCdeL, 2 Leeds St  
Rhodes, NSW 2138  
(02) 9736 7000

## QLD

Level 3, 123 Nerang St  
Southport, QLD 4215  
(07) 5591 8644

## SA

1 Goodwood Rd  
Wayville, SA 5034  
(08) 8205 5655

## TAS

186 Macquarie St  
Hobart TAS 7000  
(03) 6221 6555

