

Geneesmiddel	Enzym			
5-FU **	DPYD			
abacavir **	HLA-B*5701			
acenocoumarol	CYP2C9	VKORC1	CYP1A2	CYP4F2
acetaminophen	CYP2E1		CYP1A2	
alfentanil	CYP3A4			
alprazolam	CYP3A4			
alprenolol	CYP2D6			
allopurinol	HLA-B*5801			
amfetamine	CYP2D6			
amitriptyline	CYP2D6	CYP2C19	CYP1A2	CYP2C9
amlodipine	CYP3A4			
amodiaquine	CYP2C8			
aprepitant	CYP3A4		CYP1A2	CYP2C19
aripiprazol	CYP2D6	CYP3A4		
astemizole	CYP3A4			
atomoxetine	CYP2D6	CYP2C19		
atorvastatin	SLCO1B1	CYP3A4		
azathioprine **	TPMT			
bufuralol	CYP2D6			
bupropion	CYP2B6			
buspiron	CYP3A4			
cafergot	CYP3A4			
caffeine	CYP1A2	CYP3A4		
capecitabine **	DPYD			
carbamazepine	HLA-B*1502	CYP3A4		
carisoprodol	CYP2C19			
carvedilol	CYP2D6	CYP2C9		
celecoxib	CYP2C9		CYP3A4	
cerivastatin	CYP2C8	CYP3A4		
chloramphenicol	CYP2C19			
chlorpheniramine	CYP2D6	CYP3A4		
chlorpromazine	CYP2D6			
cilostazol	CYP3A4			
cisapride	CYP3A4			
(es)citalopram	CYP2C19	CYP2D6	CYP3A4	
clantromycine	CYP3A4			
clomipramine	CYP2D6	CYP2C19	CYP3A4	CYP1A2
clopidogrel **	CYP2C19 (a)		CYP3A4	CYP2D6
clozapine	CYP1A2	CYP3A4	CYP2C19	CYP2D6
cozamide	BChE	CYP3A4	CYP2D6	
codeine **	CYP2D6 (a)	CYP3A4		
cyclobenzaprine	CYP1A2	CYP3A4	CYP2D6	
cyclophosphamide	CYP2B6 (a)	CYP2C19 (a)	CYP3A4	
cyclosporine	CYP3A4			
dapsone	CYP3A4	CYP2C9		
debrisoquine	CYP2D6			
desipramine	CYP2D6			

Geneesmiddel	Enzym			
dexamethason	CYP3A4			
dexfenfluramine	CYP2D6			
dextromethorphan	CYP2D6	CYP3A4		
diazepam	CYP2C19	CYP3A4		
diclofenac	CYP2C9			
diltiazem	CYP3A4			
dimethylformamide	CYP2E1			
docetaxel	CYP3A4			
domperidon	CYP3A4	CYP1A2	CYP2E1	
donepezil	CYP3A4	CYP2D6		
doxepine	CYP2D6	CYP1A2	CYP3A4	CYP2C19
duloxetine	CYP1A2	CYP2D6		
efavirenz	CYP2B6	CYP3A4		
encainide	CYP2D6			
eliglustat **	CYP2D6	CYP3A4		
epilorenol	CYP3A4			
erythromycine	CYP3A4			
esomeprazol	CYP2C19	CYP3A4		
felodipine	CYP3A4			
fenobarbital	CYP2C19			
fenpropocoumon	CYP2C9	VKORC1	CYP1A2	CYP4F2
fentanyl	CYP3A4			
fenytoine	CYP2C9	CYP2C19		
finasteride	CYP3A4			
flecainide	CYP2D6			
flucloxaciline	HLA-B*5701			
flouxetine	CYP2D6	CYP2C9		
fluvastatin	CYP2C9	CYP3A4	SLCO1B1	
fluvoxamine	CYP2D6	CYP1A2		
gleevec	CYP3A4			
glibenclamide	CYP2C9			
glimepiride	CYP2C9			
glipizide	CYP2C9			
glyburide	CYP2C9			
haloperidol	CYP2D6	CYP3A4	CYP1A2	
hexobarbital	CYP2C19			
hydrocortisone	CYP3A4			
ibuprofen	CYP2C9	CYP2C19		
ifosfamide	CYP3A4 (a)	CYP2B6		
imipramine	CYP2D6	CYP2C19	CYP1A2	
indinavir	CYP3A4			
indomethacin	CYP2C19	CYP2C9		
irbesartan	CYP2C9			
irinotecan	UGT1A1	CYP3A4		
isopropazol	CYP2C19	CYP3A4		
tercanidipine	CYP3A4			
lidocaine	CYP3A4	CYP2D6	CYP1A2	

Geneesmiddel	Enzym			
losartan	CYP2C9 (a)	CYP3A4 (a)		
lovastatine	CYP3A4			
meloxicam	CYP2C9	CYP3A4		
mefenytoine (S-)	CYP2C19			
mephobarbital (R-)	CYP2C19	CYP2B6		
mercaptopurine **	TPMT			
methadon	CYP3A4	CYP2B6	CYP2D6	
methotrexaat	MTHFR	SLCO1B1		
methoxamfetamine	CYP2D6			
metoclopramide	CYP2D6			
metoprolol (S-)	CYP2D6			
mexiletine	CYP1A2	CYP2D6	CYP1A2	
midazolam	CYP3A4	CYP3A5	CYP3A7	
minaprine	CYP2D6			
mirtazapine	CYP2D6	CYP3A4	CYP1A2	
mivacurium	BChE			
moclobemide	CYP2D6	CYP2C19		
naproxen	CYP2C9	CYP1A2		
nateglinide	CYP2C9			
nebivolol	CYP2D6			
nefinavir	CYP3A4	CYP2C19		
nifedipine	CYP3A4			
nilutamide	CYP2C19			
niriotinib	UGT1A1			
nisoldipine	CYP3A4	CYP2C19		
nitrendipine	CYP3A4			
nortriptyline	CYP2D6	CYP2C19		
olanzapine	CYP1A2	CYP2D6		
omeprazol	CYP2C19	CYP3A4		
ondansetron	CYP2D6	CYP3A4	CYP1A2	
oxycodon	CYP2D6	CYP3A4		
paclitaxel	CYP2C8	CYP3A4		
pantoprazol	CYP2C19	CYP3A4	CYP2D6	CYP2C9
paroxetine	CYP2D6			
perfenazine	CYP2D6			
perhexiline	CYP2D6			
phenacetin	CYP1A2	CYP2D6		
phenformin	CYP2D6			
pimozide	CYP2D6	CYP3A4	CYP1A2	
piroxicam	CYP2C9			
prasugrel	CYP3A4 (a)	CYP2B6 (a)	CYP2C19 (a)	CYP2C9(a)
primidone	CYP2C19			
proguanil	CYP2C19	CYP3A4		
promethazine	CYP2D6			
propafenon	CYP2D6	CYP1A2	CYP3A4	
propranolol	CYP3A4	CYP2D6	CYP2C19	CYP1A2
quetiapine	CYP3A4	CYP2D6		

Geneesmiddel	Enzym			
quinidine	CYP3A4			
rabeprazol	CYP2C19	CYP3A4		
repaglinide	CYP2C8	CYP3A4		
ribavirine	HLA-B*44	CYP1A2		
riluzole	CYP1A2			
risperidon	CYP2D6	CYP3A4		
ritonavir	CYP3A4	CYP2D6		
ropivacaine	CYP1A2	CYP3A4		
rosiglitazone	CYP2C8	CYP2C9		
salmeterol	CYP3A4			
saquinavir	CYP3A4			
sertraline	CYP2C19	CYP2D6	CYP2C9	2B6 / 3A4
sildenafil	CYP3A4	CYP2C9		
simvastatin	SLCO1B1	CYP3A4 (a)		
sirolimus	CYP3A4			
sorafenib	CYP3A4	CYP2C8	UGT1A9	UGT1A1
sparteine	CYP2D6			
succinylcholine	BChE			
sunitinib	CYP3A4			
suprofen	CYP2C9			
tacrine	CYP1A2			
tacrolimus	CYP3A5	CYP3A4		
tamoxifen	CYP2D6 (a)	CYP3A4	CYP2C19	CYP2C9
tegafur **	DPYD	CYP2A6		
teliethromycine	CYP3A4			
teniposide	CYP2C19			
terfenadine	CYP3A4			
theophylline	CYP1A2	CYP2D6		
thioguanine **	TPMT			
thioridazine	CYP2D6	CYP1A2	CYP3A4	
timolol	CYP2D6	CYP2C19		
tizanidine	CYP1A2			
tolbutamide	CYP2C9			
torisel	CYP3A4			
torsemide	CYP2C8	CYP2C9		
tramadol	CYP2D6 (a)	CYP3A4	CYP2B6	
trazodone	CYP3A4			
triazolam	CYP3A4			
venlafaxine	CYP2D6 (a)	CYP3A4	CYP2C19	
verapamil	CYP3A4	CYP1A2	CYP2C8	CYP2C9
vincristine	CYP3A4	CYP3A5		
voriconazol	CYP2C19	CYP3A4	CYP2C9	
warfarine	CYP2C9	VKORC1	CYP1A2	CYP2C19
zaleplon	CYP3A4			
zolmitriptan	CYP1A2			
zolpidem	CYP3A4			
zuclopentixol	CYP2D6			

Tekst	Verklaring
CYP3A4	Belangrijk enzym, doseringsadvies beschikbaar
CYP3A4	Belangrijk enzym, (nog) geen doseringsadvies beschikbaar
CYP3A4	Betrokken bij metabolisme, dus wel effecten op bloedspiegel, maar geen dosis aanpassing nodig geacht
CYP3A4	Betrokken bij metabolisme, maar (nog) niet onderzocht door KNMP
CYP3A4	Minor contribution
CYP3A4 (a)	Betrokken bij geneesmiddel activatie
Geneesmiddel**	Sterk aanbevolen/verplicht om te testen voor aanvang therapie

Actie
Altijd testen
Altijd testen
Testen bij bijwerkingen
Testen bij bijwerkingen
Testen bij bijwerkingen indien de hoofdenzymen onvoldoende verklaring geven