

<b>sertraline</b>	<b>CYP2C19</b>	CYP2D6, CYP2C9, 2B6 / 3A4	
sildenafil		CYP3A4	<i>CYP2C9</i>
<b>simvastatine</b>	<b>SLCO1B1</b>	CYP3A4 (a)	
sirolimus		CYP3A4	
sorafenib		CYP3A4, CYP2C8, UGT1A9, UGT1A1	
sparteine		CYP2D6	
<b>succinylcholine</b>	<b>BChE</b>		
sunitinib		CYP3A4	
suprofen		CYP2C9	
tacrine		CYP1A2	
<b>tacrolimus</b>	<b>CYP3A5</b>	CYP3A4	
<b>tamoxifen</b>	<b>CYP2D6 (a)</b>		<i>CYP3A4, CYP2C19, CYP2C9</i>
<b>tegafur **</b>	<b>DPYD</b>	CYP2A6	
telithromycine		CYP3A4	
teniposide		CYP2C19	
temsirolimus		CYP3A4	
terfenadine		CYP3A4	
theophylline		CYP1A2, CYP2D6	
<b>thioguanine **</b>	<b>TPMT</b>		
thioridazine		CYP2D6	<i>CYP1A2, CYP3A4</i>
timolol		CYP2D6	<i>CYP2C19</i>
tizanidine		CYP1A2	
tolbutamide	<b>CYP2C9</b>		
torseamide		CYP2C8, CYP2C9	
<b>tramadol</b>	<b>CYP2D6 (a)</b>	CYP3A4, CYP2B6	
trazodon		CYP3A4	<i>CYP2D6</i>
triazolam		CYP3A4	
<b>venlafaxine</b>	<b>CYP2D6 (a)</b>	CYP3A4, CYP2C19	
verapamil		CYP3A4, CYP1A2, CYP2C8, CYP2C9	
vincristine		CYP3A4, CYP3A5	
<b>voriconazol</b>	<b>CYP2C19</b>	CYP3A4, CYP2C9	
<b>warfarine</b>	<b>CYP2C9, VKORC1</b>		<i>CYP1A2, CYP2C19</i>
zaleplon		CYP3A4	
zolmitriptan		CYP1A2	
zolpidem		CYP3A4	
<b>zuclopentixol</b>	<b>CYP2D6</b>		

Tekst	Verklaring	Actie
<b>CYP3A4</b>	Belangrijk enzym, doseringsadvies beschikbaar	Altijd testen
<b>CYP3A4</b>	Betrokken bij metabolisme, dus wel effecten op bloedspiegel, maar geen dosis aanpassing nodig geacht	Testen bij bijwerkingen
CYP3A4 <i>CYP3A4</i>	Betrokken bij metabolisme, (nog) niet onderzocht door KNMP	Testen bij bijwerkingen
	Minor contribution	Testen bij bijwerkingen indien de hoofdenzymen onvoldoende verklaring geven
CYP3A4 (a)	Betrokken bij geneesmiddel activatie	
<b>Geneesmiddel**</b>	Sterk aanbevolen om te testen voor aanvang therapie	

Geneesmiddel	KLINISCH RELEVANTE ENZYMEN		ENZYMEN
	Met dosis advies	Zonder dosis advies	Minor contribution
<b>5-FU **</b>	<b>DPYD</b>		
<b>abacavir **</b>	<b>HLA-B*5701</b>		
<b>acenocoumarol</b>	<b>CYP2C9, VKORC1</b>		<i>CYP1A2, CYP4F2</i>
alfentanil		CYP3A4	
alprazolam		CYP3A4	
alprenolol		CYP2D6	
<b>allopurinol</b>	<b>HLA-B*5801</b>		
amfetamine		CYP2D6	
<b>amitriptyline</b>	<b>CYP2D6</b>	CYP2C19	<i>CYP1A2, CYP2C9</i>
amlodipine		CYP3A4	
amodiaquine		CYP2C8	
aprepitant		CYP3A4	<i>CYP1A2, CYP2C19</i>
<b>aripiprazol</b>	<b>CYP2D6</b>	CYP3A4	
astemizole		CYP3A4	
<b>atomoxetine</b>	<b>CYP2D6</b>	CYP2C19	
atorvastatin	<b>SLCO1B1</b>	CYP3A4	
<b>azathioprine **</b>	<b>TPMT</b>		
bufuralol		CYP2D6	
bupropion		CYP2B6	
buspiron		CYP3A4	
cafergot		CYP3A4	
caffeine		CYP1A2, CYP3A4	
<b>capecitabine **</b>	<b>DPYD</b>		
<b>carbamazepine</b>	<b>HLA-B*1502</b>	CYP3A4	
carisoprodol		CYP2C19	
carvedilol	<b>CYP2D6</b>	CYP2C9	
celecoxib		CYP2C9	<i>CYP3A4</i>
cerivastatine		CYP2C8, CYP3A4	
chloorfeniramine		CYP2D6, CYP3A4	
chloorpromazine		CYP2D6, CYP3A4	
cilostazol		CYP3A4	
cisapride		CYP3A4	
<b>(es)citalopram</b>	<b>CYP2C19</b>	CYP2D6, CYP3A4	
claritromycine		CYP2C19, CYP3A4	
<b>clomipramine</b>	<b>CYP2D6</b>	CYP2C19	<i>CYP3A4, CYP1A2</i>
<b>clopidogrel **</b>	<b>CYP2C19 (a)</b>		<i>CYP3A4</i>
clozapine		CYP1A2	<i>CYP3A4, CYP2C19, CYP2D6</i>
cocaine		BChE	<i>CYP3A4, CYP2D6</i>
<b>codeïne</b>	<b>CYP2D6 (a)</b>	CYP3A4	
cyclobenzaprine		CYP1A2, CYP3A4, CYP2D6	
cyclofosfamide		CYP2B6 (a), CYP2C19 (a), CYP3A4	
cyclosporine		CYP3A4	
dapsone		CYP3A4, CYP2C9	
debrisoquine		CYP2D6	
desipramine		CYP2D6	
dexamethason		CYP3A4	

dexfenfluramine		CYP2D6	
dextromethorfan		CYP2D6, CYP3A4	
diazepam		CYP2C19, CYP3A4	
diclofenac		CYP2C9	
diltiazem		CYP3A4	
dimethylformamide		CYP2E1	
docetaxel		CYP3A4	
domperidon		CYP1A2, CYP2E1, CYP3A4	
donepezil		CYP2D6, CYP3A4	
<b>doxepine</b>	<b>CYP2D6</b>		<i>CYP1A2, CYP3A4, CYP2C19</i>
duloxetine	<b>CYP2D6</b>	CYP1A2	
<b>efavirenz</b>	<b>CYP2B6</b>	CYP3A4	
encainide		CYP2D6	
<b>eliglustat **</b>	<b>CYP2D6</b>	CYP3A4	
eplerenon		CYP3A4	
erythromycine		CYP3A4	
esomeprazol	<b>CYP2C19</b>	CYP3A4	
felodipine		CYP3A4	
fenobarbital		CYP2C19	
<b>fenprocoumon</b>	<b>CYP2C9, VKORc1</b>		<i>CYP1A2, CYP4F2</i>
fentanyl		CYP3A4	
<b>fentytoine</b>	<b>CYP2C9</b>	CYP2C19	
finasteride		CYP3A4	
<b>flecainide</b>	<b>CYP2D6</b>		
<b>flucloxacilline</b>	<b>HLA-B*5701</b>		
fluoxetine	<b>CYP2D6</b>	CYP2C9	<i>CYP2C19, CYP3A4, CYP3A5</i>
fluvastatine		CYP2C9, CYP3A4, SLCO1B1	<i>CYP2C8, CYP2D6</i>
fluvoxamine	<b>CYP2D6</b>	CYP1A2	
glibenclamide	<b>CYP2C9</b>		
glimepiride	<b>CYP2C9</b>		
glipizide		CYP2C9	
glyburide		CYP3A4	
<b>haloperidol</b>	<b>CYP2D6</b>	CYP3A4	<i>CYP1A2</i>
hexobarbital		CYP2C19	
hydrocortison		CYP3A4	
ibuprofen		CYP2C9	<i>CYP2C19</i>
ifosfamide		CYP2B6, CYP3A4 (a)	
imatinib		CYP3A4	
<b>imipramine</b>	<b>CYP2D6, CYP2C19</b>		<i>CYP1A2, CYP3A4</i>
indinavir		CYP3A4	
indometacine		CYP2C19, CYP2C9	
irbesartan		CYP2C9	
<b>irinotecan</b>	<b>UGT1A1</b>	CYP3A4	
<b>lansoprazol</b>	<b>CYP2C19</b>	CYP3A4	
lercanidipine		CYP3A4	
lidocaine		CYP1A2, CYP2D6, CYP3A4	
losartan		CYP2C9 (a), CYP3A4 (a)	
lovastatine		CYP3A4 (a)	
meloxicam		CYP2C9	<i>CYP3A4</i>
mefenytioine		CYP2C19	
mephobarbital		CYP2B6, CYP2C19	
<b>mercaptapurine **</b>	<b>TPMT</b>		

methadon		CYP3A4	<i>CYP2B6, CYP2D6</i>
methotrexaat	<b>MTHFR</b>	SLCO1B1	
methoxyamfetamine		CYP2D6	
metoclopramide		CYP2D6	
<b>metoprolol (S-)</b>	<b>CYP2D6</b>		
mexiletine		CYP2D6	<i>CYP1A2</i>
midazolam		CYP3A4	<i>CYP3A5, CYP3A7</i>
minaprine		CYP2D6	
mirtazapine	<b>CYP2D6</b>	CYP1A2, CYP3A4	
<b>mivacurium</b>	<b>BChE</b>		
moclobemide	<b>CYP2C19</b>	CYP2D6	
naproxen		CYP1A2, CYP2C9	
nateglinide		CYP2C9	
neбиволol		CYP2D6	
nelfinavir		CYP2C19, CYP3A4	
nifedipine		CYP3A4	
nilutamide		CYP2C19	
<b>nilotinib</b>	<b>UGT1A1</b>		
nisoldipine		CYP2C19, CYP3A4	
nitrendipine		CYP3A4	
<b>nortriptyline</b>	<b>CYP2D6</b>	CYP2C19	
olanzapine		CYP1A2, CYP2D6	
<b>omeprazol</b>	<b>CYP2C19</b>	CYP3A4	
ondansetron		CYP1A2, CYP2D6, CYP3A4	
<b>oxycodon</b>	<b>CYP2D6</b>	CYP3A4	
paclitaxel		CYP2C8, CYP3A4	
<b>pantoprazol</b>	<b>CYP2C19</b>		<i>CYP3A4, CYP2D6, CYP2C9</i>
paracetamol		CYP2E1	<i>CYP1A2</i>
<b>paroxetine</b>	<b>CYP2D6</b>		
perfenazine		CYP2D6	
perhexiline		CYP2D6	
phenacetin		CYP1A2, CYP2D6	
phenformine		CYP2D6	
<b>pimozide</b>	<b>CYP2D6</b>	CYP1A2, CYP3A4	
piroxicam		CYP2C9	
prasugrel		CYP2B6 (a), CYP3A4 (a)	<i>CYP2C19 (a), CYP2C9 (a)</i>
primidon		CYP2C19	
proguanil		CYP2C19	<i>CYP3A4</i>
promethazine		CYP2D6	
<b>propafenon</b>	<b>CYP2D6</b>	CYP1A2, CYP3A4	
propranolol		CYP1A2, CYP2C19, CYP2D6, CYP3A4	
quetiapine		CYP3A4	<i>CYP2D6</i>
rabeprazol	<b>CYP2C19</b>		<i>CYP3A4</i>
repaglinide		CYP2C8	<i>CYP3A4</i>
ribavirine	<b>HLA-B*44</b>		
riluzol		CYP1A2	
risperidon	<b>CYP2D6</b>		<i>CYP3A4</i>
ritonavir		CYP3A4	<i>CYP2D6</i>
ropivacaine		CYP1A2, CYP3A4	
rosiglitazon		CYP2C8, CYP2C9	
salmeterol		CYP3A4	
saquinavir		CYP3A4	