

salmeterol		CYP3A4	
saquinavir		CYP3A4	
<b>sertraline</b>	<b>CYP2C19</b>	CYP2D6, CYP2C9, 2B6 / 3A4	
sildenafil		CYP3A4	<b>CYP2C9</b>
<b>simvastatine</b>	<b>SLCO1B1</b>	CYP3A4 (a)	
<b>siponimod</b>	<b>CYP2C9</b>		
sirolimus		CYP3A4	
sorafenib		CYP3A4, CYP2C8, UGT1A9, UGT1A1	
<b>suxamethonium</b>	<b>BChE</b>		
sunitinib		CYP3A4	
<b>tacrolimus</b>	<b>CYP3A5</b>	CYP3A4	
<b>tamoxifen</b>	<b>CYP2D6 (a)</b>	CYP3A4 (a)	<b>CYP2C19, CYP2C9</b>
<b>tegafur **</b>	<b>DPYD</b>	CYP2A6	
teniposide		CYP2C19	
temsirolimus		CYP3A4	
theofylline		CYP1A2, CYP2E1	<b>CYP3A4</b>
ticagrelor		CYP3A4	
<b>tioguanine **</b>	<b>TPMT, NUDT15</b>		
timolol		CYP2D6	<b>CYP2C19</b>
tizanidine		CYP1A2	
tolbutamide		CYP2C9	
<b>tramadol</b>	<b>CYP2D6 (a)</b>	CYP3A4, CYP2B6	
trazodon		CYP3A4	<b>CYP2D6</b>
valproïnezuur		CYP2C9, CYP2C19, POLG	
<b>venlafaxine</b>	<b>CYP2D6</b>	CYP3A4, CYP2C19	
verapamil		CYP3A4, CYP1A2, CYP2C8, CYP2C9	
vincristine		CYP3A4, CYP3A5	
<b>voriconazol</b>	<b>CYP2C19</b>	CYP3A4, CYP2C9	
vortioxetine		CYP2D6	<b>CYP2C9, CYP3A4, CYP3A5</b>
<b>warfarine</b>	<b>CYP2C9, VKORC1</b>		<b>CYP1A2, CYP2C19</b>
zolmitriptan		CYP1A2	
zolpidem		CYP3A4	
<b>zuclopetixol</b>	<b>CYP2D6</b>		

Tekst	Verklaring	Actie
<b>CYP2D6</b>	Enzym betrokken bij metabolisme, KNMP (dosering) advies beschikbaar	Overweeg test voor start therapie
<b>CYP2D6 (a)</b>	Enzym betrokken bij geneesmiddel activatie, KNMP (dosering) advies beschikbaar	Overweeg test voor start therapie
CYP2D6 (a)	Enzym betrokken bij geneesmiddel activatie, geen (dosering) advies beschikbaar of (nog) niet beoordeeld	Testen bij bijwerkingen of geen effect
CYP2D6	Enzym betrokken bij metabolisme, geen (dosering) advies beschikbaar of (nog) niet beoordeeld door KNMP	Testen bij bijwerkingen of geen effect
<b>CYP2D6</b>	Enzym speelt beperkte rol bij het metabolisme	Indien hoofdenzymen onvoldoende verklaren
<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>VKORC1</b>	CYP2C9	<b>CYP1A2, CYP4F2</b>
alfentanil		CYP3A4	
alprazolam		CYP3A4	
<b>allopurinol</b>	<b>HLA-B*5801, ABCG2</b>		
amfetamine		CYP2D6	
<b>amitriptyline</b>	<b>CYP2D6</b>	CYP2C19	<b>CYP1A2, CYP2C9</b>
amlodipine		CYP3A4	
apixaban		CYP3A4, CYP3A5	
<b>aripiprazol</b>	<b>CYP2D6</b>	CYP3A4	
<b>articaïne</b>	<b>BChE</b>		
atazanavir		CYP3A4, UGT1A1 (bili)	
<b>atomoxetine</b>	<b>CYP2D6</b>	CYP2C19	
<b>atorvastatine</b>	<b>SLCO1B1</b>	CYP3A4	
<b>azathioprine **</b>	<b>TPMT, NUDT15</b>		
bisoprolol		CYP2D6, CYP3A4	
<b>brexpiprazol</b>	<b>CYP2D6</b>	CYP3A4	
bupropion		CYP2B6	
bupiron		CYP3A4	
caffeïne		CYP1A2, CYP3A4	
<b>capecitabine **</b>	<b>DPYD</b>		
<b>carbamazepine</b>	<b>HLA-B*1502, B*1511 HLA-A*3101</b>	CYP3A4	
carvedilol		CYP2C9, CYP2D6	
<b>celecoxib</b>	<b>CYP2C9</b>		<b>CYP3A4</b>
chlooramfenicol		CYP2C19	
chloorpromazine		CYP2D6, CYP3A4	
chloroquine		CYP2C8	
cisapride		CYP3A4	
<b>citalopram</b>	<b>CYP2C19</b>	CYP2D6, CYP3A4	
claritromycine		CYP2C19, CYP3A4	
clobazam		CYP3A4	<b>CYP2C19</b>
<b>clomipramine</b>	<b>CYP2C19, CYP2D6</b>		<b>CYP3A4, CYP1A2</b>
<b>clopidogrel **</b>	<b>CYP2C19 (a)</b>		<b>CYP3A4</b>
clozapine		CYP1A2	<b>CYP3A4, CYP2C19, CYP2D6</b>
cocaïne		BChE	<b>CYP3A4, CYP2D6</b>
<b>codeïne</b>	<b>CYP2D6 (a)</b>	CYP3A4	
ciclosporine		CYP3A4	
cyclofosfamide		CYP2B6 (a), 2C19 (a), 3A4	
dapson		CYP3A4, CYP2C9	
dexamethason		CYP3A4	
dextromethorfan		CYP2D6, CYP3A4	

diazepam		CYP2C19, CYP3A4	
diclofenac		CYP2C9	
diltiazem		CYP3A4	
docetaxel		CYP3A4	
domperidon		CYP1A2, CYP2E1, CYP3A4	
donepezil		CYP2D6, CYP3A4	
<b>doxepine</b>	<b>CYP2D6</b>		<b>CYP1A2, CYP3A4, CYP2C19</b>
duloxetine		CYP1A2, CYP2D6	
<b>efavirenz</b>	<b>CYP2B6</b>	CYP3A4	
<b>eliglustat **</b>	<b>CYP2D6</b>	CYP3A4	
eplerenon		CYP3A4	
erythromycine		CYP3A4	
<b>escitalopram</b>	<b>CYP2C19</b>	CYP2D6, CYP3A4	
esomeprazol		CYP2C19, CYP3A4	
estradiol		CYP1A2	
felodipine		CYP3A4	
fenobarbital		CYP2C19	
<b>fenpropoumon</b>	<b>VKORC1</b>	CYP2C9	<b>CYP1A2, CYP4F2</b>
fentanyl		CYP3A4	
<b>fentytoine **</b>	<b>CYP2C9**, HLA-B*1502</b>	CYP2C19	
finasteride		CYP3A4	
<b>flecainide</b>	<b>CYP2D6</b>		
<b>flucloxacilline</b>	<b>HLA-B*5701</b>		
<b>flucytosine</b>	<b>DPYD</b>		
flufenazine		CYP2D6	<b>CYP1A2</b>
fluoxetine		CYP2C9, CYP2D6	<b>CYP2C19, CYP3A4, CYP3A5</b>
flupentixol		CYP2D6	
fluvastatine		CYP2C9, CYP3A4	<b>CYP2C8, CYP2D6</b>
flvoxamine		CYP1A2, CYP2D6	
gefitinib		CYP2D6, CYP3A4	
gentamicine		MT-RNR1	
glibenclamide		CYP2C9	
glimepiride		CYP2C9	
guanfacine		CYP3A4, CYP3A5	
<b>haloperidol</b>	<b>CYP2D6</b>	CYP3A4	<b>CYP1A2</b>
hexobarbital		CYP2C19	
hydrocortison		CYP3A4	
ibuprofen		CYP2C9	<b>CYP2C8, CYP2C19, CYP3A4</b>
ifosfamide		CYP2B6, CYP3A4 (a)	
imatinib		CYP3A4	
<b>imipramine</b>	<b>CYP2C19, CYP2D6</b>		<b>CYP1A2, CYP3A4</b>
indinavir		CYP3A4	
indometacine		CYP2C9	<b>CYP2C19</b>
irbesartan		CYP2C9	<b>CYP3A4</b>
<b>irinotecan **</b>	<b>UGT1A1</b>	CYP3A4	
kinidine		CYP3A4	
<b>lamotrigine</b>	<b>HLA-B*1502</b>	UGT1A4	
<b>lansoprazol</b>	<b>CYP2C19</b>	CYP3A4	
lercanidipine		CYP3A4	

lidocaïne		CYP1A2, CYP3A4	
lithium		GADL	
losartan		CYP2C9, CYP3A4	
lovastatine		CYP3A4 (a), SLCO1B1	
melatonine		CYP1A2, CYP1A1	
meloxicam		CYP2C9	<b>CYP3A4</b>
<b>mercaptapurine **</b>	<b>TPMT, NUDT15</b>		
methadon		CYP3A4	<b>CYP2B6, CYP2D6</b>
methotrexaat		SLCO1B1, MTHFR	
metoclopramide		CYP2D6	
<b>metoprolol</b>	<b>CYP2D6</b>		
midazolam		CYP3A4	<b>CYP3A5, CYP3A7</b>
<b>mivacurium</b>	<b>BChE</b>		
moclobemide		CYP2C19, CYP2D6	
naproxen		CYP1A2, CYP2C9	
neбивolol		CYP2D6	
nifedipine		CYP3A4	<b>CYP1A2, CYP2A6</b>
nilutamide		CYP2C19	
nilotinib		CYP3A4, UGT1A1 (bili)	<b>CYP2C8</b>
nitrendipine		CYP3A4	
<b>nortriptyline</b>	<b>CYP2D6</b>	CYP1A2, CYP2C19	
olanzapine		CYP1A2, CYP2D6	
<b>omeprazol</b>	<b>CYP2C19</b>	CYP3A4	
ondansetron		CYP1A2, CYP2D6, CYP3A4	
oxcarbazepine	<b>HLA-B*1502</b>		
oxycodon		CYP2D6, CYP3A4	
paclitaxel		CYP2C8, CYP3A4	
<b>pantoprazol</b>	<b>CYP2C19</b>		<b>CYP3A4, CYP2D6, CYP2C9</b>
paracetamol		CYP2E1	<b>CYP1A2</b>
<b>paroxetine</b>	<b>CYP2D6</b>		<b>CYP1A2, 2C19, 3A4, 3A5</b>
perfenazine		CYP2D6	
<b>pimozide</b>	<b>CYP2D6</b>	CYP1A2, CYP3A4	
piroxicam		CYP2C9	
prasugrel		CYP2B6 (a), CYP3A4 (a)	<b>CYP2C19 (a), CYP2C9 (a)</b>
primidon		CYP2C19	
proguanil		CYP2C19	<b>CYP3A4</b>
promethazine		CYP2D6	
<b>propafenon</b>	<b>CYP2D6</b>	CYP1A2, CYP3A4	
propranolol		CYP1A2, 2C19, 2D6, 3A4	
<b>quetiapine</b>	<b>CYP3A4</b>		<b>CYP2D6</b>
rabeprazol		CYP2C19	
repaglinide		CYP2C8	<b>CYP3A4</b>
ribavirine		HLA-B*44	
riluzol		CYP1A2	
<b>risperidon</b>	<b>CYP2D6</b>		<b>CYP3A4</b>
ritonavir		CYP3A4	<b>CYP2D6</b>
rivaroxaban		CYP3A4	
ropivacaine		CYP1A2	
rosuvastatine		ABCG2, SLCO1B1	