

Inhibitoren

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CYP1A2	CYP2C9	CYP2D6	CYP3A4 / CYP3A5
ciprofloxacine	sulfafenazol	bupropion	ceritinib
fluvoxamine	amiodaron	fluoxetine	claritromycine
rucaparib	fenylbutazon	paroxetine	delaviridine
vemurafenib	fluconazol	kinidine	idelalisib
cimetidine	metronidazol	abirateron	indinavir
citalopram	capecitabine	cinacalcet	itraconazol
efavirenz	ceritinib	clobazam	ketoconazol
quercetine	efavirenz	doxepine	nefazodon
ribociclib	isoniazide	duloxetine	nelfinavir
simeprevir	quercetine	halofantrine	ribociclib
amiodaron	rucaparib	lorcaserine	ritonavir
furfaryline	sulfametoaxazol	modobemide	sanquinavir
methoxsaleen	voriconazol	rolapitant	telaprevir
ticlopidine	zafirlukast	terbinafine (oraal)	telitromycine
	fenofibraat	amiodaron	tucatinib
CYP2B6	fluvastatine	celecoxib	voriconazol
ticlopidine	fluvoxamine	cimetidine	amlodipine (3A5)
voriconazol		citalopram	aprepitant
clopidogrel	CYP2C19	clomipramine	ciprofloxacine
thiohepa	fluvoxamine	difenhydramine	crizotinib
	ticlopidine	escitalopram	diltiazim
CYP2C8	esomeprazol	hydroxychloroquine	erytromycine
gemfibrozil	fluconazol	levomepromazine	fluconazol
clopidogrel	fluoxetine	ritonavir	grapefruitsap
deferasirox	ketoconazol	sertraline	imatinib
teriflunomide	omeprazol	vemurafenib	letermovir
trimethoprim	voriconazol	chloorpromazine	netupitant
abirateron	armodafinil	clemastine	verapamil
efavirenz	cimetidine	cocaïne	atomoxetine
lapatinib	citalopram	haloperidol	cimetidine
tucatinib	felbamaat	hydroxyzine	entrectinib
glitazonen	isoniazide	methadon	esomeprazol
letermovir	luliconazol	metoclopramide	ivacaftor
montelukast	modafinil	midodrine	mifepriston
quercetine	orale contraceptie	panobinostat	omeprazol
	rucaparib	perfenazine	pantoprazol
CYP2E1	chlooramfenicol	promethazine	quercetine
disulfiram	oritavancine	ticlopidine	rucaparib
quercetine	quercetine	tripelennamine	boceprevir
	topiramaat	chlooramfenicol	sterfruit

Inducers

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CYP1A2	CYP2C8	CYP2C19	CYP3A4 / CYP3A5
carbamazepine	rifampicine	efavirenz	carbamazepine
rifampicine		enzalutamide	enzalutamide
teriflunomide	CYP2C9	rifampicine	rifampicine
tabak (roken)	carbamazepine	Sint-janskruid	dabrafenib
broccoli	enzalutamide	letermovir	efavirenz
omeprazol	rifampicine	ritonavir	elagolix
spruitjes	dabrafenib	carbamazepine	eslicarbazepine
	fenobarbital	prednison	fenobarbital
CYP2B6	nevirapine		fenytoïne
artemisinine	Sint-janskruid	CYP2E1	lorlatinib
carbamazepine	letermovir	isoniazide	oxcarbazepine
efavirenz	secobarbital	ethanol	Sint-janskruid
rifampicine			betametason
nevirapine			brigatinib
dabrafenib			dexametason
fenobarbital			methylprednisolon
fenytoïne			modafinil
			nevirapine
			pioglitazon
			prednison
			prednison
			rifabutine
			sotorasib
			telotristat
			troglitazon
			vemurafenib
			perampanel

Rood = sterke (≥80%) reductie in geneesmiddel (substraat) blootstelling

Bruin = matige (50-80%) reductie in geneesmiddel (substraat) blootstelling

Groen = zwakke (<50%) reductie in geneesmiddel (substraat) blootstelling

Zwart = sterkte wordt onderzocht

Bron: www.iu.edu (01-01-2021). Voor educatieve doeleinden. Aan deze gegevens kunnen geen rechten worden ontleend.

Substraten

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CYP1A2	
acencoumarol	nabumeton (a)
amitriptyline	naproxen
apremilast	olanzapine
aprepitant	ondansetron
axitinib	paracetamol
caffeine	paroxetine
clomipramine	pimozide
clopidogrel (a)	pirfenidon
clozapine	pomalidomide
domperidon	propafenon
doxepine	propranolol
duloxetine	riluzol
estradiol	roflumilast
fenacetine	ropivacaïne
fluvoxamine	theofylline
haloperidol	tizanidine
imipramine	triamtereen
lidocaïne	verapamil
melatonine	warfarine
mexiletine	zolmitriptan
mirtazapine	

CYP2C8	
chloroquine	ponatinib
dabrafenib	repaglinide
enzalutamide	selexipag
fluvastatine	sorafenib
ibuprofen	sotorasib
nilotinib	tucatinib
olodaterol	verapamil
paclitaxel	

CYP2B6	
bupropion	methadon
clobazam	nevirapine
clopidogrel (a)	prasugrel (a)
cyclofosfamide (a)	propofol
efavirenz	selegiline
ifosfamide	sertraline
esketamine	tramadol
lidocaïne	velpatasvir

CYP2C9	
acencoumarol	nevirapine
amitriptyline	olodaterol
carvedilol	pantoprazol
fluvoxamine	celecoxib
clopidogrel (a)	pirfenidon
diclofenac	prasugrel (a)
doxepine	propofol
esketamine	ruxolitinib
fenprocoumon	sertraline
fenytoïne **	sildenafil
fluoxetine	siponimod **
fluvastatine	tamoxifen
glibenclamide	tolbutamide
glimperide	valproïnezuur
ibuprofen	venlafaxine
indometacine	verapamil
irbesartan	voriconazol
losartan	vortioxetine
mavacamten	warfarine
esketamine	
naproxen	

CYP2C19			
amitriptyline	escitalopram	nortriptyline	timolol
aprepitant	esomeprazol	omeprazol	tofacinib
atomoxetine	fenobarbital	pantoprazol	valproïnezuur
axitinib	fentyoïne	paroxetine	venlafaxine
brivaracetam	fluoxetine	pirfenidon	voriconazol
chlooramfenicol	hexobarbital	pomalidomide	warfarine
clitalopram	ibuprofen	prasugrel (a)	
claritromycine	imipramine	primidon	
clobazam	indometacine	progesteron	
clomipramine	labetalol	proguanil	
clopidogrel (a)**	lansoprazol	propranolol	
clozapine	mavacamten**	rabeprazol	
cyclofosfamide (a)	melatonine	sertraline	
diazepam	moclobemide	tamoxifen	
doxepine (a)	nilutamide	teniposide	

CYP2D6			
amfetamine	duloxetine	moclobemide	tetrabenazine
amitriptyline	eliglustat **	neбиволol	tramadol (a)
aripiprazol	escitalopram	nevirapine	trazodon
atomoxetine	flecainide	nortriptyline	umeclidinium
bisoprolol	flufenazine	olanzapine	venlafaxine
brexpiprazol	fluoxetine	ondansetron	zuclopentixol
cariprazine	flupentixol	oxycodon	
carvedilol	fluvastatine	pantoprazol	
chloorpromazine	fluvoxamine	paroxetine	
chloroquine	gefitinib	perfenazine	
citalopram	haloperidol	pimozide	
clomipramine	ibrutinib	pirfenidon	
clonidine	imipramine	pomalidomide	
clozapine	lidocaïne	ponatinib	
cocaïne	methadon	promethazine	
codeïne (a)	metoclopramide	propafenon	
dextromethorfan	metoprolol	propranolol	
donepezil	mexiletine	risperidon	
doxepine	mirtazapine	tamoxifen (a)	

CYP3A4			
alfentanil	diltiazem	lidocaïne	rivaroxaban
alprazolam	docetaxel	losartan	roflumilast
amlodipine	dolutegravir	lovastatine (a)	ropivacaine
apixaban	domperidon	mavacamten	ruxolitinib
apremilast	donepezil	meloxicam	salmeterol
aprepitant	doxepine	methadon	saquinavir
aripiprazol	efavirenz	midazolam	selegiline
atazanavir	eliglustat	mirtazapine	selezipag
atorvastatine	enzalutamide	nevirapine	sertraline
axitinib	eplerenon	nifedipine	sildenafil
bisoprolol	erytromycine	nilotonib	simvastatine (a)
brexpiprazol	escitalopram	nitrendipine	siponimod
buspiron	esomeprazol	olaparib	sirolimus
caffeine	esketamine	olodaterol	sorafenib
carbamazepine	felodipine	omeprazol	sotorasib
celecoxib	fentanyl	ondansetron	sunitinib
chloorpromazine	finasteride	osimertinib	tacrolimus
chloroquine	fluoxetine	oxycodon	tamoxifen (a)
ciclosporine	fluvastatine	paclitaxel	temsirolimus
cisapride	gefitinib	pantoprazol	theofylline
citalopram	guanfacine	paroxetine	ticagrelor
claritromycine	haloperidol	pimozide	tofacinib
clobazam	hydrocortison	pomalidomide	tolvaptan
clomipramine	ibuprofen	ponatinib	tramadol
clopidogrel (a)	ibrutinib	prasugrel (a)	trazodon
clozapine	ifosfamide (a)	progesteron	tucatinib
cocaïne	imatinib	proguanil	velpatasvir
codeïne	imipramine	propafenon	venlafaxine
cyclofosfamide	indinavir	propranolol	verapamil
dabrafenib	irbesartan	quetiapine	vincristine
dapson	irinotecan	rabeprazol	voriconazol
dasatinib	isavuconazol	repaglinide	vortioxetine
dexamethason	kinidine	rilpivirine	zolpidem
dextromethorfan	lansoprazol	risperidon	
diazepam	lercanidipine	ritonavir	

CYP3A5			
apixaban	guanfacine	osimertinib	sotorasib
chloroquine	isavuconazol	paroxetine	tacrolimus
enzalutamide	ponatinib	tolvaptan	
fluoxetine	nevirapine	rilpivirine	vortioxetine

ABCG2	HLA-B*44	MTHFR	UGT1A1
allopurinol	ribavirine	foliumzuur	atazanavir
rosuvastatine		methotrexaat	axitinib
			dolutegravir
BCHE	HLA-B*1502	MT-RNR1	irinotecan
articaïne	carbamazepine	gentamicine	nilotinib
cocaïne	fentyoïne		
mivacurium	lamotrigine	POLG	UGT1A4
suxamethonium	oxcarbazepine	valproïnezuur	lamotrigine
			olanzapine
DPYD	HLA-B*1511	SLCO1B1	
5-FU **	carbamazepine	atorvastatine	UGT1A9
capecitabine **		lovastatine	mycophenolzuur
tegafur **	HLA-B*5701	methotrexaat	olanzapine
	abacavir **	rosuvastatine	
GADL	flucloraxilline	simvastatine	VKORC1
lithium			acenocoumarol
			fenprocoumon
HLA-A*3101	HLA-B*5801	TPMT / NUDT15	warfarine
carbamazepine	allopurinol	azathioprine **	
		mercaptopurine **	
		tioguanine **	

**** Sterk aanbevolen om te testen vóór aanvang therapie**

rood = alternatief (dosis)advies beschikbaar in KNMP-Kennisbank/apotheek

oranje (a) = activatie, alternatief (dosis)advies beschikbaar in KNMP-Kennisbank/apotheek

zwart (a) = activatie, geen aangepast (dosis)advies in KNMP-Kennisbank of (nog) niet beoordeeld (01-01-2020)

grijs = beperkte rol metabolisme

zwart = (nog) niet beoordeeld

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