

Supplemental Table 2. The prediction of drug-cytokines in vitro model, RO2 and their combination for published by (Cosgrove et al., 2009). 3 drugs were not unqualified for analysis, including TPCA-1 with no identity, erythromycin for a duplicate usage, and clotrimazole for its topical usage that the RO2 model does not work.

Compounds	Drug-cytokine in			
	Human hepatotoxicity	vitro model	RO2	RO2-cytokines
demeclocycline	Hepatotoxic	Positive	Negative	Positive
azathioprine	Hepatotoxic	Positive	Negative	Positive
retinoic acid	Hepatotoxic	Positive	Negative	Positive
menadione	Hepatotoxic	Positive	Negative	Positive
trovafloxacin	Hepatotoxic	Positive	Negative	Positive
quinine	Hepatotoxic	Positive	Negative	Positive
mexiletine	Hepatotoxic	Positive	Negative	Positive
nortriptyline	Hepatotoxic	Positive	Negative	Positive
benzbromarone	Hepatotoxic	Positive	Positive	Positive
amiodarone	Hepatotoxic	Positive	Positive	Positive
diclofenac	Hepatotoxic	Positive	Positive	Positive
chlorpromazine	Hepatotoxic	Positive	Positive	Positive
riluzole	Hepatotoxic	Positive	Positive	Positive
clomipramine	Hepatotoxic	Positive	Positive	Positive
albendazole	Hepatotoxic	Negative	Positive	Positive
danazol	Hepatotoxic	Negative	Positive	Positive
telithromycin	Hepatotoxic	Negative	Positive	Positive
troglitazone	Hepatotoxic	Negative	Positive	Positive
bepidil	Hepatotoxic	Negative	Positive	Positive
nefazodone	Hepatotoxic	Negative	Positive	Positive
progesterone	Hepatotoxic	Negative	Positive	Positive
mebendazole	Hepatotoxic	Negative	Positive	Positive
acetaminophen	Hepatotoxic	Negative	Negative	Negative
didanosine	Hepatotoxic	Negative	Negative	Negative
cyclophosphamide	Hepatotoxic	Negative	Negative	Negative
nimesulide	Hepatotoxic	Negative	Negative	Negative
fluconazole	Hepatotoxic	Negative	Negative	Negative
bromfenac	Hepatotoxic	Negative	Negative	Negative
lomefloxacin	Hepatotoxic	Negative	Negative	Negative
trazodone	Hepatotoxic	Negative	Negative	Negative
phenacetin	Hepatotoxic	Negative	Negative	Negative
chlorzoxazone	Hepatotoxic	Negative	Negative	Negative
captopril	Hepatotoxic	Negative	Negative	Negative
labetalol	Hepatotoxic	Negative	Negative	Negative
pyrimethamine	Hepatotoxic	Negative	Negative	Negative
diethylcarbamazepine	Hepatotoxic	Negative	Negative	Negative
methotrexate	Hepatotoxic	Negative	Negative	Negative
quinapril	Hepatotoxic	Negative	Negative	Negative
tamoxifen	Hepatotoxic	Negative	Negative	Negative
hydrochlorothiazide	Hepatotoxic	Negative	Negative	Negative
methimazole	Hepatotoxic	Negative	Negative	Negative
nifedipine	Hepatotoxic	Negative	Negative	Negative
flutamide	Hepatotoxic	Negative	Negative	Negative
spironolactone	Hepatotoxic	Negative	Negative	Negative
nomifensine	Hepatotoxic	Negative	Negative	Negative
nicardipine	Hepatotoxic	Negative	Negative	Negative
nimodipine	Hepatotoxic	Negative	Negative	Negative
fluvoxamine	Hepatotoxic	Negative	Negative	Negative

bumetanide	Hepatotoxic	Negative	Negative	Negative
busulphan	Hepatotoxic	Negative	Negative	Negative
estrone	Hepatotoxic	Negative	Negative	Negative
norgestrel	Hepatotoxic	Negative	Negative	Negative
clarithromycin	Not or minimally hepatotoxic	Positive	Negative	Positive
bupropion	Not or minimally hepatotoxic	Negative	Positive	Positive
maprotiline	Not or minimally hepatotoxic	Negative	Positive	Positive
aspirin	Not or minimally hepatotoxic	Negative	Negative	Negative
tacrine	Not or minimally hepatotoxic	Negative	Negative	Negative
levofloxacin	Not or minimally hepatotoxic	Negative	Negative	Negative
cimetidine	Not or minimally hepatotoxic	Negative	Negative	Negative
ranitidine	Not or minimally hepatotoxic	Negative	Negative	Negative
pioglitazone	Not or minimally hepatotoxic	Negative	Negative	Negative
rosiglitazone	Not or minimally hepatotoxic	Negative	Negative	Negative
glyburide	Not or minimally hepatotoxic	Negative	Negative	Negative
benazepril	Not or minimally hepatotoxic	Negative	Negative	Negative
amoxapine	Not or minimally hepatotoxic	Negative	Negative	Negative
famotidine	Not or minimally hepatotoxic	Negative	Negative	Negative
amitriptyline	Not or minimally hepatotoxic	Negative	Negative	Negative
paroxetine	Not or minimally hepatotoxic	Negative	Negative	Negative
fluoxetine	Not or minimally hepatotoxic	Negative	Negative	Negative
colchicine	Not or minimally hepatotoxic	Negative	Negative	Negative
moxifloxacin	Not or minimally hepatotoxic	Negative	Negative	Negative
citalopram	Not or minimally hepatotoxic	Negative	Negative	Negative
memantine	Not or minimally hepatotoxic	Negative	Negative	Negative
phenelzine	Not or minimally hepatotoxic	Negative	Negative	Negative
dexamethasone	Not or minimally hepatotoxic	Negative	Negative	Negative
nadolol	Not or minimally hepatotoxic	Negative	Negative	Negative
pindolol	Not or minimally hepatotoxic	Negative	Negative	Negative
pyridostigmine	Not or minimally hepatotoxic	Negative	Negative	Negative
propranolol	Not or minimally hepatotoxic	Negative	Negative	Negative
promethazine	Not or minimally hepatotoxic	Negative	Negative	Negative
brompheniramin	Not or minimally hepatotoxic	Negative	Negative	Negative
oxybutynin	Not or minimally hepatotoxic	Negative	Negative	Negative
loperamide	Not or minimally hepatotoxic	Negative	Negative	Negative
buspirone	Not or minimally hepatotoxic	Negative	Negative	Negative
bupivacaine	Not or minimally hepatotoxic	Negative	Negative	Negative
nalmeffene	Not or minimally hepatotoxic	Negative	Negative	Negative
erythromycin	Not or minimally hepatotoxic	Negative	Negative	Negative
