

Reference for examples of clinical index inhibitors for P450-mediated metabolisms

Isoform	Inhibitor	Substrate	AUCR	Reference*	Comment
1A2	fluvoxamine	caffeine	13.72	16236038	
1A2	fluvoxamine	tizanidine	32.73	15060511	
2C8	clopidogrel	repaglinide	5.08	24971633	
2C8	gemfibrozil	repaglinide	8.26	21778352	
2C9	fluconazole	tolbutamide	2.09	2330488	
2C9	fluconazole	warfarin	2.12	20622200	
2C19	fluvoxamine	omeprazole	5.62	15025747	CYP2C19 EM subjects
2C19	fluvoxamine	S-mephenytoin	9.89	12695344	CYP2C19 EM subjects
2D6	fluoxetine	desipramine	7.78	1544284	
2D6	fluoxetine	dextromethorphan	27.21	24569517	
2D6	fluoxetine	nebivolol	6.57	20489028	CYP2D6 EM subjects
2D6	paroxetine	desipramine	5.46	9241008	
2D6	paroxetine	nebivolol	6.15	24845234	
2D6	cinacalcet	desipramine	3.12	16680561	
2D6	cinacalcet	dextromethorphan	4.93	17652181	
2D6	mirabegron	desipramine	3.17	23728524	
2D6	mirabegron	metoprolol	3.16	23728524	
3A	clarithromycin	midazolam	9.61	9728893	
3A	clarithromycin	simvastatin	9.96	15518608	
3A	clarithromycin	triazolam	5.26	9757151	
3A	itraconazole	bupirone	19.15	9333111	
3A	itraconazole	lovastatin	36.40	8689812	
3A	itraconazole	midazolam	10.77	8181191	
3A	itraconazole	triazolam	27.12	7995001	
3A	cimetidine	midazolam	2.02	6152615	
3A	cimetidine	sildenafil	2.08	11879257	
3A	cimetidine	triazolam	2.20	2864320	
3A	erythromycin	bupirone	5.91	9333111	
3A	erythromycin	midazolam	4.99	25139487	
3A	erythromycin	simvastatin	6.22	9728898	
3A	erythromycin	triazolam	3.80	9757151	
3A	erythromycin	alfentanil	4.37	16172184	
3A	fluconazole	midazolam	4.93	16172184	
3A	fluconazole	triazolam	4.42	8904618	

*PMID unless specified otherwise

Abbreviations

AUCR: area under the concentration-time curve ration of a substrate in the presence and absense of an inhibitor or inducer

EM: Extensive metabolizer

PMID: PubMed Unique Identifier