

Supplementary Table 1 Drug-drug interaction evaluation process of aripiprazole in depressed patients

Forward inclusion				
Model number	Instructions	OFV	Change of OFV	<i>P</i> value
1	Base model	963.025	/	/
2	Effect of Acarbose capsule on CL	958.819	-4.206	<i>P</i> > 0.01
3	Effect of Alprazolam tablet on CL	962.28	-0.745	<i>P</i> > 0.01
4	Effect of Bezafibrate on CL	959.124	-3.901	<i>P</i> > 0.01
5	Effect of Clonazepam tablet on CL	963.025	0	<i>P</i> > 0.01
6	Effect of Duloxetine hydrochloride enteric-coated capsule on CL	960.807	-2.218	<i>P</i> > 0.01
7	Effect of Escitalopram oxalate tablet on CL	956.818	-6.207	<i>P</i> > 0.01
8	Effect of Fluvoxamine maleate tablet on CL	958.663	-4.362	<i>P</i> > 0.01
9	Effect of Irbesartan hydrochlorothiazide tablet on CL	958.947	-4.078	<i>P</i> > 0.01
10	Effect of Levothyroxine sodium tablet on CL	958.953	-4.072	<i>P</i> > 0.01
11	Effect of Lithium carbonate extended-release tablet on CL	962.964	-0.061	<i>P</i> > 0.01
12	Effect of Liver-protecting tablet on CL	958.8	-4.225	<i>P</i> > 0.01
13	Effect of Lorazepam tablet on CL	960.56	-2.465	<i>P</i> > 0.01
14	Effect of Metformin hydrochloride tablet on CL	958.948	-4.077	<i>P</i> > 0.01

15	Effect of Mirtazapine tablet on CL	960.264	-2.761	$P > 0.01$
16	Effect of Olanzapine tablet on CL	962.318	-0.707	$P > 0.01$
17	Effect of Paroxetine hydrochloride tablet on CL	947.413	-15.612	$P < 0.01$
18	Effect of Propranolol hydrochloride tablet on CL	960.984	-2.041	$P > 0.01$
19	Effect of Sanhuang tablet on CL	962.639	-0.386	$P > 0.01$
20	Effect of Sertraline hydrochloride tablet on CL	956.638	-6.387	$P > 0.01$
21	Effect of Xuesaitong for injection on CL	958.893	-4.132	$P > 0.01$

Backward elimination

Model number	Instructions	OFV	Change of OFV	P value
22	Model 17	947.413	/	/
23	Model 17-Effect of Paroxetine hydrochloride tablet on CL	963.025	15.612	$P < 0.001$

CL, clearance rate; OFV, objective function value.