

Variable	Olmesartan	Irbesartan	Candesartan	Valsartan	Telmisartan	Eprosartan	Losartan
Prodrug	Yes	No	Yes	No	No	No	Yes — active metabolite
Cmax	1-2 hrs	1.5-2 hrs	3-4 hrs	2-4 hrs	0.5-1 hr	1-2 hrs	1 hr parent molecule; 3-4 hrs active metabolite
Bioavailability	26%	60-80%	15%	25%	42-58%	13%	33%
Maximal onset	2 weeks	2 weeks	2-4 weeks	2 weeks	3 weeks	3 weeks	2-3 weeks
Metabolism	Biliary/renal excretion	Liver — 2C9	Biliary/renal excretion	Biliary/renal excretion	Liver-glucuronide	Biliary/renal excretion	Liver — 2C9, 3A4
Food effect	No effect	No effect	No effect	↓ 40%	↓ 6-20%	↓ <25%	↓ 10%
Half-life	13 hrs	12-20 hrs	9 hrs	6 hrs	24 hrs	5-9 hrs	2 hrs
Protein binding	99%	90%	>99%	>95%	>99.5%	98%	99%
Fecal elimination	50-65%	80%	67%	83%	98%	90%	60%
Urinary elimination	35-50%	20%	33%	13%	<1%	7%	35%
Dosages available	5, 20, 40 mg	75, 150, 300 mg	4, 8, 16, 32 mg	80, 160 mg	20, 40, 80 mg	400, 600 mg	25, 50, 100 mg
Dosing frequency	QD	QD	QD/BID	QD	QD	QD/BID	QD/BID
Dose adjustment for hepatic dysfunction	None specific, but caution in hepatobiliary disease	No	No	Use caution with 80 mg QD	Caution (may need to consider other agents)	No	Yes ↓ dose 2 mg bid
Dose adjustment for renal dysfunction	Not addressed in clinical studies	No	No	Caution in severe dysfunction	No	No	No