

Table D.9 Pharmacokinetic data

Medicine	Half-life (hours)	Clearance (Cl) ^a (mL/min/kg)	Fraction excreted unchanged (f _e)	Fraction unbound (f _u)	Oral bioavailability (F)	Comments
Abatacept	360	0.004		<0.01		
Acetazolamide	4	0.5	>0.9	0.1		
Acetylcysteine	6			0.3		
Aciclovir	3	4.5	0.5	0.8	0.2	
Aclarubicin	3			0.5		
Adalimumab	10–18 days	0.003				
Adefovir	7.5	0.6		0.95	0.59	
Adrenaline	1–2 min		<0.01	0.5		
Alcuronium	3	1.3	0.8	0.6		
Aldesleukin	1	3.8	<0.1			
Alefacept	270	0.004				IM bioavailability 0.63
Alendronate	*	3	0.33	0.22	<0.01	* Alendronate is irreversibly incorporated in bone
Allopurinol	1*	10	0.2	>0.9	0.9	* Active metabolite (oxypurinol) has a half-life of about 24 hours
Amantadine	16	4.8	0.95	0.3	0.9	
Amikacin	2	1.3	0.95	>0.9		
Amiloride	8	7.4	0.5	0.6	0.5	
Aminoglutethimide	15.5	9.5	0.47	0.75	0.96	
Amiodarone	25 days	2	<0.05	0.01	0.5	TDM
Amisulpride	12	5.6	0.5	0.84	0.48	
Amitriptyline	24	10	<0.02	0.05	0.5	Active metabolite (nortriptyline); TDM
Amlodipine	35	10	<0.1	0.03	0.6	
Amoxicillin	2	2.6	0.9	0.8	0.9	
Amphotericin B	18	1	<0.05	0.05	<0.1	
Ampicillin	1	1.7	0.9	0.8	0.6	
Amprenavir	7–10	7.7	0.03	0.1	*	* Bioavailability varies between oral formulations
Amsacrine	4.5	5	<0.01	0.05	Poor	
Anagrelide	1.3		0.01		0.7	
Anastrozole	45		<0.1	0.6		Active metabolites with half-lives of up to 37 hours
Apomorphine	1	65				
Aprepitant	9–13	1		0.05	0.6	Weakly active metabolites
Aprotinin	8	0.6	0.05	0.2		
Aripiprazole	75	0.7	<0.01	0.02	0.87	Dehydroaripiprazole is an active metabolite
Artemether	2 (artemether and dihydro- artemisinin)			0.02		Dihydroartemisinin is an active metabolite
Asparaginase	10		<0.05	<0.05		
Aspirin	0.25	10	<0.02	0.66	0.70	Undergoes rapid hydrolysis to salicylic acid
Atazanavir	6.4	4		0.14		
Atenolol	7.5	2.7	0.4	0.95	0.5	
Atomoxetine	3.6	6	0.03	0.01	0.63	7% of Caucasians are poor metabolisers; see Product Information for further information
Atorvastatin	14		<0.02	0.02	0.1	
Atovaquone	2–3 days		0.9	0.1		
Atracurium besylate		0.3	5	<0.01	0.2	
Atropine	3	14	0.6	0.8	0.5	
Auranofin	40 days	0.1	0.15			
Azatadine	9		0.2			
Zathioprine	10 min	57	<0.1	>0.7	>0.8	Rapidly converted to mercaptopurine

a. For some values in this table clearance has been calculated using the half-life