PHARMACOKINETIC ABBREVIATIONS

Journal of Pediatric Pharmacology and Therapeutic

Variable	Abbreviation
Absorption rate constant	Ka
AUC	mg*hr/L or mcg*hr/mL; $AUC_{0–24\ hr}$; $AUC_{0\text{-}tau}$ or $AUC_{0\text{-}\tau}$; $AUC_{0\text{-}inf}$ or $AUC_{0\text{-}\infty}$
Bioavailability	F
Clearance	CL; L/hr/kg or L/hr/m2
Creatinine clearance	CrCL
Elimination rate constant	ke
Estimate creatinine clearance	eCrCL
Estimated glomerular filtration rate	eGFR
Glomerular filtration rate	GFR
Half-life	t½
Intercompartmental rate constants	K12 and K21
Maximum rate of metabolism	Vmax
Maximum serum concentration	Cmax
Mean residence time	MRT
Minimum serum concentration	Cmin
Model-informed drug development	MIDD
Modeling and simulation	M&S
Nonrenal clearance	CLNR
Pharmacokinetics	PK
Physiologically-based PK	PBPK
Plasma Concentration	Cp
Population PK	PopPK
Renal clearance	CLR
Residence rate constant at steady state	kss
Serum concentration	Cp
Time to maximum concentration	Tmax
Volume of distribution	Vd
Volume of distribution at steady state	Vdss
Volume of the peripheral compartment	Vp
Volume of the central compartment	Vc