Table S3. Final Covariate Model Parameter Estimates

Parameter	Descriptor	Estimate	95% CI	Bootstrap 95% CI
θ_1	CL/F, L·h^{-1}	9.4	8.9 to 9.9	9.0 to 9.9
θ_2	V$_1$/F, L	554.0	440 to 668	463 to 667
θ_3	k$_{tr}$, h^{-1}	1.0	0.9 to 1.2	0.9 to 1.2
θ_4	Proportional error	0.3	0.3 to 0.4	0.3 to 0.4
θ_5	Additive error	0, fixed	NC	NC
θ_6	Proportional error single-observation	0.5	0.5 to 0.6	0.5 to 0.6
θ_7	F$_1$, phase 1	1.9	1.6 to 2.3	1.7 to 2.3
θ_8	CL$_{cov,females}$	–0.2	–0.3 to –0.1	–0.3 to –0.1
θ_9	CL$_{cov,study\ 14295}$	–0.5	–0.6 to –0.5	–0.6 to –0.4
$\omega_{1,1}^2$	IIV, CL	0.2	0.2 to 0.3	0.2 to 0.3
$\omega_{2,2}^2$	IIV, V$_1$	0.4	0.2 to 0.7	0.3 to 0.6
$\sigma_{1,1}^2$	Residual error	1, fixed	NC	NC

θ=parameter estimate for population average; ω=random effects parameter estimate; σ=residual error model parameter estimate; CL=clearance; CL/F=apparent oral clearance; F$_1$=relative bioavailability; IIV=interindividual variability; k$_{tr}$=transit rate constant; NC=not calculated; V$_1$=volume of distribution; V$_1$/F=apparent volume of distribution.