Table S1. Parameter estimates for the *in vitro* and clinical PK/PD model.

Model	Parameter	Estimate	RSE (%)*
in vitro	MAX_{virus} (viral load (1/log2(CT)))	0.29	0
	k_g (d^{-1})	0.577	0
	k_d (d^{-1})	0.0631	1
Clinical	MAX_{virus} (viral load (1/log2(CT)))	0.256 (FIX)	-
	k_g (d^{-1})	0.018	41.29
	IIV_{Kg} (%)	59.75	47.71
	k_d (d^{-1})	0.00305	29.58
	sl (d^{-1})	0.00434	56.58
	Proportional error (%)	4.35	13.81

*RSE - Residual Standard Errors, obtained after 500 bootstrap replications.
MAX_{virus} – maximum viral load, k_g – first order rate constant of virus formation, k_d – first order rate constant of viral elimination, IIV – Inter-Individual Variability, sl – slope of the drug effect