

LETTER TO THE EDITOR

The Finite Absorption Time (FAT) Concept en route to PBPK modeling and pharmacometrics

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Supplementary material

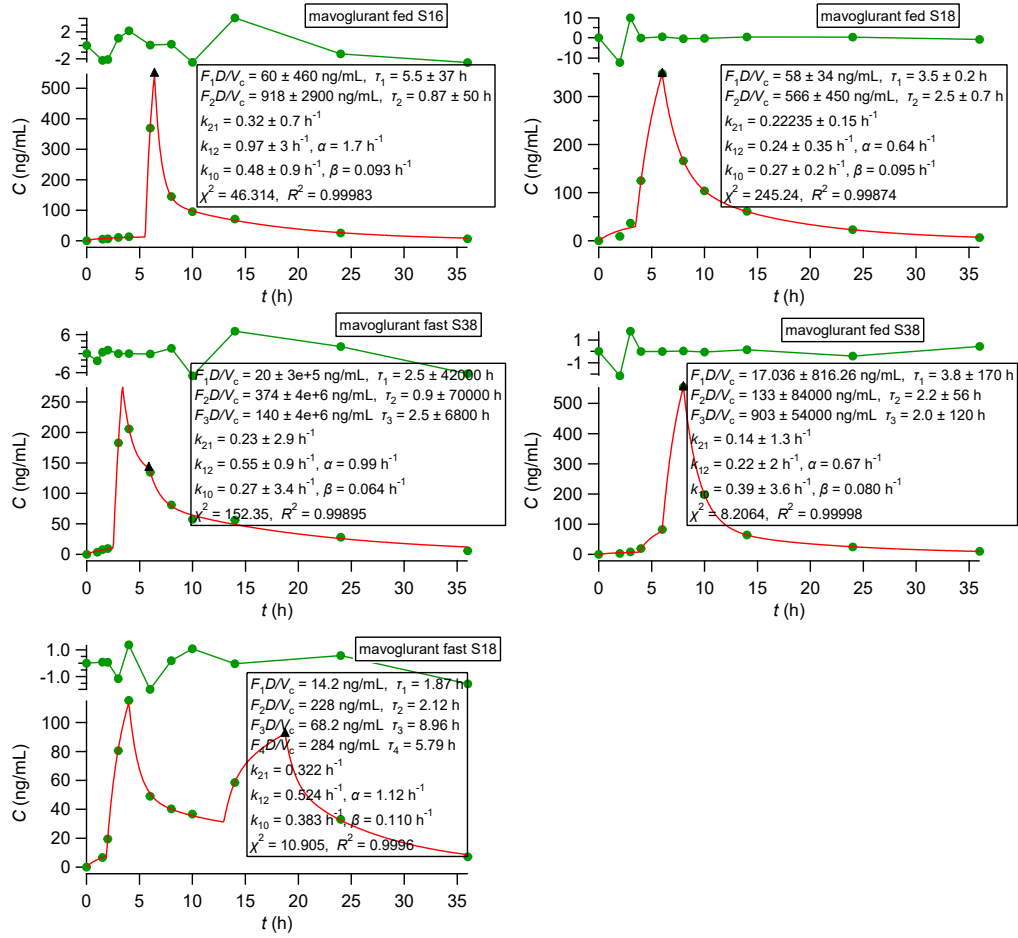


Fig. S1 Fitting results of a PBFTPK model with two (top panels) or three (middle panels) or four (bottom panel) constant input rates of a specific time total duration, τ and two compartment model disposition to five sets of mavoglurant data [29]. Parameter estimates for τ , the concentration factor FD/V_c [9] and the compartmental constants are shown in each inset. Uncertainties associated with the parameters are exceedingly large making the fits unreliable, primarily because of insufficient data. In the bottom panel no uncertainties are stated because the number of points is equal to the number of model parameters. The upper portion of each graph shows the fit residuals.

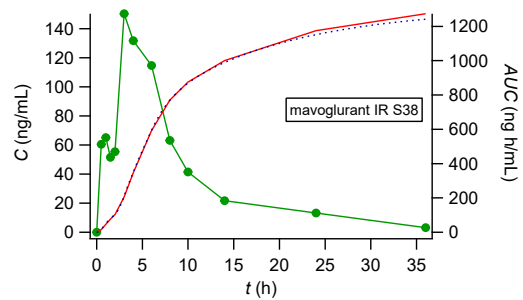


Fig. S2 Cumulative Area Under the Curve calculated based a) on the original data for the immediate release formulation administered to subject S18 (red line) and b) on the best-fit model curve shown on the Fig. 3 bottom right panel (blue broken line).