A population PK model was developed using non-linear mixed effects modeling methodology. Fixed and random parameters are shown in Table 1. Fixed parameters (CL, V1, Q and V2) were precisely estimated, as seen by low percent standard error (SE) in the range of 3–10%. Inter-individual variances were minimal bias. Figure 1 plots observed versus the population predictions of PF-04360365 with exception of the allometric power exponent on Q and V2. Inter-individual variances were precisely estimated, as seen by low percent standard error (SE) in the range of 3–10%. Covariance matrices, with exception of the allometric power exponent on Q and V2, were described with a full block omega matrix. Inter-individual random effects were modeled with exponential variance models. Covariance matrices, with exception of the allometric power exponent on Q and V2, were described with a full block omega matrix. Inter-individual variances were precisely estimated, as seen by low percent standard error (SE) in the range of 3–10%, whereas inter-individual variances were described with minimal bias. Inter-individual variances were precisely estimated, as seen by low percent standard error (SE) in the range of 3–10%, whereas inter-individual variances were described with minimal bias.