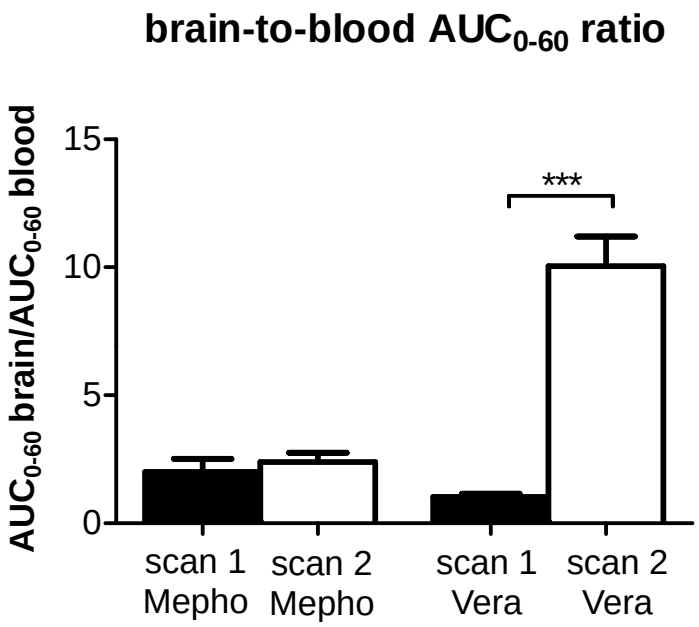
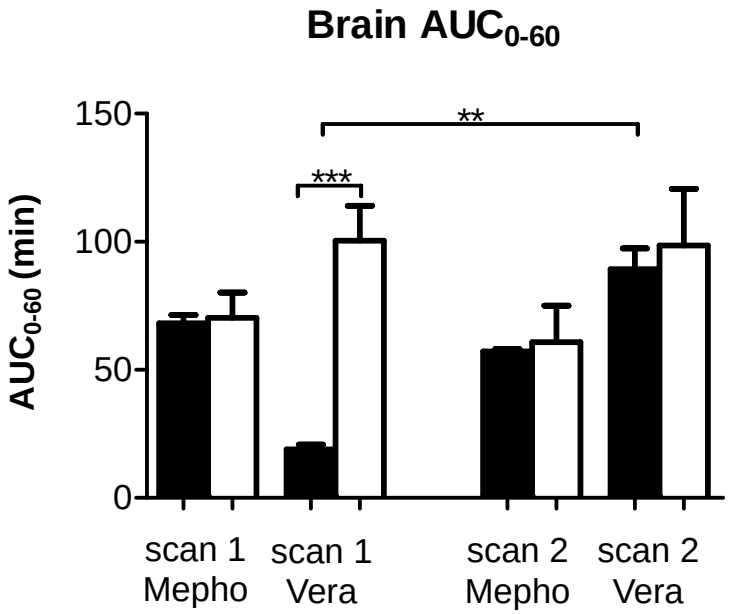
SUPPLEMENTARY DATA

The antiepileptic drug mephobarbital is not transported by P-glycoprotein or multidrug resistance protein 1 at the blood-brain barrier: a positron emission tomography study

Severin Mairinger Jens P. Bankstahl, Claudia Kuntner, Kerstin Römermann, Marion Bankstahl, Thomas Wanek, Johann Stanek, Wolfgang Löscher, Markus Müller, Thomas Erker, Oliver Langer



Supplementary Figure S1. Comparison of mean (± SD) brain-to-blood $AUC_{0\text{-}60}$ ratios of [^{11}C]mephobarbital (Mepho, n = 3) and (*R*)-[^{11}C]verapamil (Vera, n = 4) in rats in scan 1 (black columns) and scan 2 (white columns) of the paired scan set-up. *** $p < 0.001$ (Student's t-test).



Supplementary Figure S2. Comparison of mean (± SD) brain $AUC_{0\text{-}60}$ values of [^{11}C]mephobarbital (Mepho, n = 3) and (*R*)-[^{11}C]verapamil (Vera, n = 3) in wild-type mice (black columns) and *Mdr1a/b*$^{(-/-)}$ mice (white columns) in scan 1 and scan 2 of the paired scan set-up. ** $p < 0.01$, *** $p < 0.001$ (Student's t-test).