Supplementary Files



**Figure S1.** Transporters OAT2, OCTN1, OCTN2, PEPT1, PEPT2, and URAT1 show significant uptake of their model substrate.



**Supplementary Figure S2**. Concentration response curve for the inhibition of [3H]-E1S uptake by S2

IC50 of enalaprilat was estimated at 135 µM. Uptake is depicted as mean ± SD for each data point. Experiment was performed in triplicate.



**Supplementary Figure S3.** Efflux transporters MRP2, MRP4, P-gp, and BCRP did not show transport of enalaprilat. (**A**) Transport of enalaprilat in membrane vesicles expressing MRP2, MRP4, P-gp, or BCRP in the presence of AMP (black bars) or ATP (checked bars). (**B**) Transport of enalaprilat in transiently transduced HEK293 cells in different combinations of control, the uptake transporter OAT3, and the efflux transporters MRP4 or P-gp. Transport is expressed in pmol/mg/min and presented as mean ± SEM for each data point. Data were pooled from three independent experiments.