



Figure S3 Effect of pyrimethamine on OAT1 and OAT3 (A), and ENT1 (B)

A Uptake of PAH and ES was determined in the presence of pyrimethamine at various concentration in the stable expression system of OAT1 and OAT3 using HEK293 cells. Each symbol represents the mean and SEM (n=3). Rigid lines represent the fitted line. Non-linear regression analysis was conducted as described in Supplemental Methods to determine IC_{50} of $241 \pm 55 \mu\text{M}$, and $9.69 \pm 2.27 \mu\text{M}$ for OAT1 and OAT3, respectively.

B Uptake of m^1A (100 μM) was determined in HEK293 cells in the presence and absence of inhibitors; TEA 5mM, pyrimethamine 10 μM , dipyridamole 10 μM . Effect of inhibitors on the uptake of m^1A for 15 min was statistically analyzed by ANOVA followed by Dunnet's test. Effect of dipyridamole was statistically significant (p 0.0002).