



Compound	$K_{i, app}$ (μM)	$f_{PYR}$
Metformin	$1.82 \pm 0.81$	$0.845 \pm 0.158$
N <sup>1</sup> -methyladenosine	$3.84 \pm 2.64$	1
Creatinine	$0.130 \pm 0.087$	$0.263 \pm 0.025$
N <sup>1</sup> -methylnicotinamide	$2.19 \pm 1.17$	$0.964 \pm 0.232$

**Figure S6  $K_{i,app}$  and  $f_{PYR}$  estimation using  $C_{max}$  of pyrimethamine.**

$K_{i,app}$  of pyrimethamine with regard to the maximum plasma concentrations, and  $f_{PYR}$  were determined by iterative non-linear regression analysis as described in Methods.