

SUPPLEMENTARY TABLE 1 Cumulative fraction of fosfomycin dose excreted in urine by collection interval for each dosing regimen

Mean ± SD						
Study drug administered	Cumulative Fe (%)					
	0-4 h	0-8 h	0-12 h	0-24 h	0-36 h	0-48 h
1 g IV (n=27)	52.9 ± 13.2	66.1 ± 17.0	70.9 ± 17.7	73.9 ± 17.8	74.1 ± 17.8	74.2 ± 17.8
8 g IV (n=27)	57.7 ± 9.3	71.7 ± 10.0	76.8 ± 10.1	79.5 ± 10.3	79.8 ± 10.3	79.8 ± 10.3
3 g PO (n=28)	13.6 ± 4.7	22.6 ± 6.6	27.2 ± 7.6	32.9 ± 8.1	35.7 ± 8.6	37.2 ± 9.2

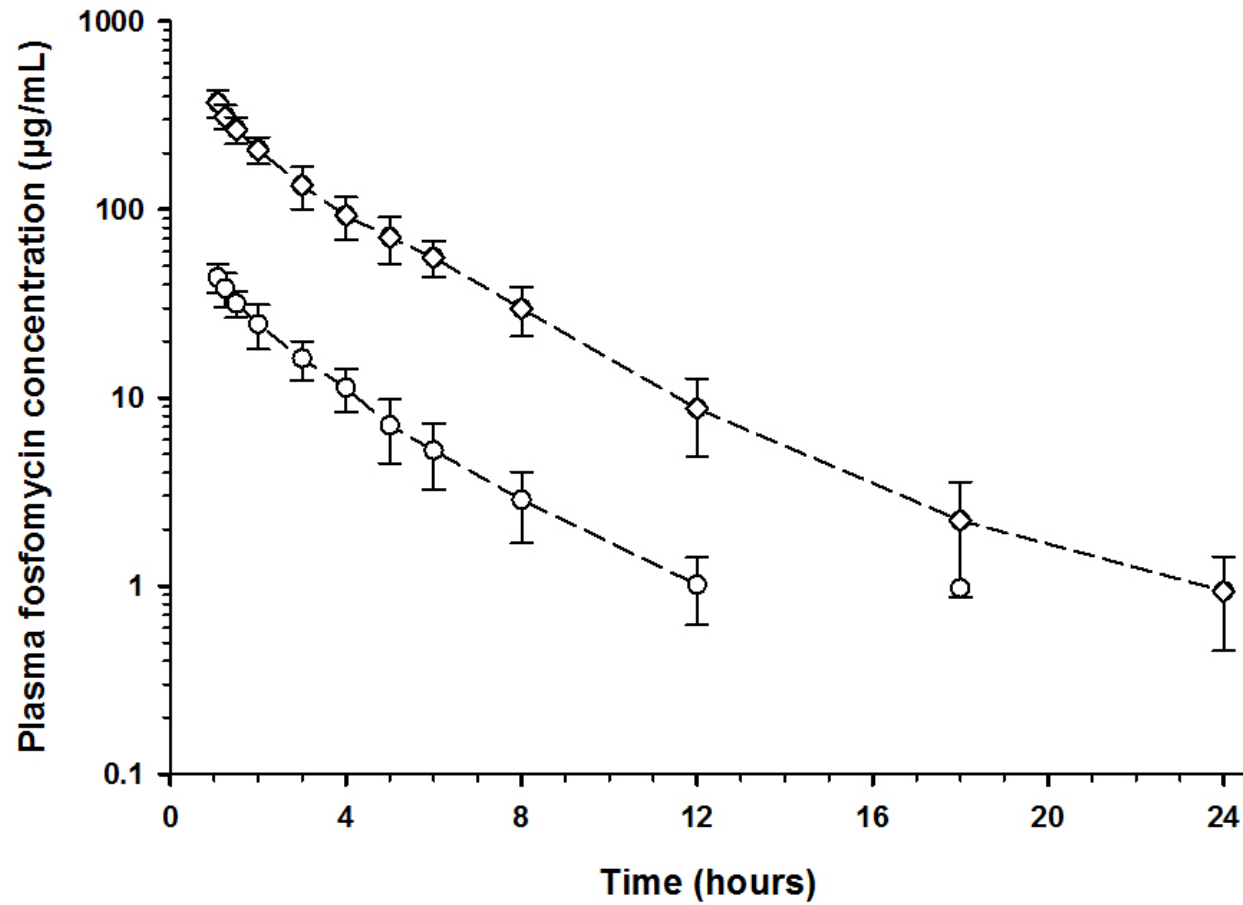
Fe, fraction excreted in urine

SUPPLEMENTARY TABLE 2 Concentrations of fosfomycin in urine following intravenous and oral administration

		Scheduled urine collection interval													
		Mean ± SD													
		Pre-dose		0-4 h		4-8 h		8-12 h		12-24 h		24-36 h		36-48 h	
Study drug administered		C ^a	V ^b	C ^a	V ^b	C ^a	V ^b	C ^a	V ^b	C ^a	V ^b	C ^a	V ^b	C ^a	V ^b
	1 g IV (n=27)		2.41 ± 1.7	182.0 ± 148.2	967.1 ± 721.7	752.0 ± 390.7	396.0 ± 285.4	452.5 ± 298.1	153.2 ± 103.4	426.1 ± 262.8	41.3 ± 32.5	885.9 ± 501.8	3.6 ± 4.3	1114.8 ± 661.2	2.2 ± 1.8
8 g IV (n=27)		BLQ	187.3 ± 228.5	15561.5 ± 27766.5	654.5 ± 450.0	3976.5 ± 3578.9	461.0 ± 314.6	1443.6 ± 1214.3	430.2 ± 296.6	389.3 ± 246.4	779.5 ± 506.5	27.0 ± 20.5	1130.9 ± 714.6	3.1 ± 1.9	738.5 ± 499.8
3 g PO (n=28)		BLQ	210.0 ± 164.8	1049 ± 867.8	615.4 ± 400.3	947.5 ± 791.9	451.3 ± 272.3	541.7 ± 406.8	397.5 ± 289.5	281.4 ± 189.2	845.2 ± 504.5	125.8 ± 143.1	1041.5 ± 707.9	96.5 ± 117.7	654.0 ± 391.3

^aµg/mL, ^bmL
C, concentration; V, volume; BLQ, below the limit of quantitation

SUPPLEMENTARY FIG 1. Mean (\pm SD) concentration-versus-time profile of fosfomycin in plasma after a single 1 hour intravenous infusion of 1 g and 8 g fosfomycin disodium. Intravenous administration of 1 g is illustrated by open circles and a dashed lined and 8 g is illustrated by open diamonds and a dashed line. The y axis is in the log scale.



SUPPLEMENTARY FIG 2. Mean (\pm SD) concentration-versus-time profile of fosfomycin in plasma after a single dose of 3 g oral fosfomycin tromethamine. In plate A, all concentrations obtained through the 48 hour sampling point are included. Plate B, C, and D include concentrations collected through 36, 24, and 12 hours, respectively. The y axis is in the log scale.

