

**Table S3**

	<i>B. mandrillaris</i> trophozoites	<i>B. mandrillaris</i> cysts	U87 cell line		H4 cell line		HEK-293T cell line		HFF-1 cell line		Hep-G2 cell line		Mean of all cell lines	
	IC <sub>50</sub> <sup>a</sup>	IC <sub>50</sub> <sup>a</sup>	CC <sub>50</sub> <sup>b</sup>	SI <sup>c</sup>	CC <sub>50</sub> <sup>b</sup>	SI <sup>c</sup>	CC <sub>50</sub> <sup>b</sup>	SI <sup>c</sup>	CC <sub>50</sub> <sup>b</sup>	SI <sup>c</sup>	CC <sub>50</sub> <sup>b</sup>	SI <sup>c</sup>	CC <sub>50</sub> <sup>b</sup>	SI <sup>c</sup>
<b>Nitroxoline</b>	2.8	15.5	24.9	8.77	5.6	1.96	4.9	1.71	51.8	18.23	9.3	3.29	19.3	6.79
<b>Pentamidine isethionate</b>	9.1	26.3	20.7	2.26	5.7	0.63	4.8	0.52	23.4	1.95	0.7	0.25	11.1	1.12
<b>Miltefosine</b>	63.2	76.5	34.7	0.55	8.4	0.15	68.8	1.21	67.1	1.10	66.1	0.94	49.0	0.79
<b>Azithromycin</b>	244.1	788.4	55.0	0.21	95.0	0.39	119.9	0.59	115.8	0.47	86.4	0.27	94.4	0.39

<sup>a</sup>IC<sub>50</sub> = half-maximal inhibitory concentration

<sup>b</sup>CC<sub>50</sub> = half-maximal cytotoxic concentration

<sup>c</sup>Selectivity Index (SI) = (cell line CC<sub>50</sub>)/(*B. mandrillaris* trophozoite IC<sub>50</sub>)

**Table S3.** Summary of IC<sub>50</sub>, CC<sub>50</sub>, and SI values calculated from dose-response experiments. IC<sub>50</sub> and CC<sub>50</sub> values were calculated from dose-response curves generated by measuring the viability of cultured cells 72 hours after drug treatment. Cytotoxicity of compounds was measured in U87, H4, HEK-293T, HFF-1, and Hep-G2 cell lines. All experiments were performed in triplicate. SI values for each drug show the ratio of the CC<sub>50</sub> value for a given cell line to the IC<sub>50</sub> value for *B. mandrillaris* trophozoites. An SI value greater than 1 indicates that the drug inhibits *B. mandrillaris* trophozoites at lower concentrations than the human cell line used for comparison (i.e. has positive selectivity). Nitroxoline is the most potent inhibitor (lowest IC<sub>50</sub>) of both forms of *B. mandrillaris* and has the highest SI for all cell lines with a mean SI of 6.79.