

1 **Supplementary Table 1. Summary of model parameters for drugs with efficacy against *M. kansasii*.**

<b>DRUG</b>	<b>E<sub>con</sub> (Log<sub>10</sub> CFU/mL)</b>	<b>E<sub>max</sub> (Log<sub>10</sub> CFU/mL)</b>	<b>EC<sub>50</sub> (mg/L)</b>	<b>Hill constant</b>
Isoniazid	8.18	4.26	0.88	1.57
Rifampin	8.35	4.79	0.09	2.68
Ethambutol	7.97	3.87	1.39	1.46
Cefpodoxime + Avibactam	6.26	1.45	3.53	0.95
Cefdinir + Avibactam	6.63	5.13	12.09	0.59
Tebipenem	7.19	7.19	0.21	0.92
Tebipenem + Avibactam	7.25	7.25	0.07	1.23
Clarithromycin	6.4	5.28	2.21	0.49
Azithromycin	7.22	6.61	3.75	1.09
Moxifloxacin	8.25	8.25	0.11	1.21
Levofloxacin	6.02	6.02	0.57	2.54
Minocycline	6.48	4.96	1.21	1.01
Omadacycline	4.65	2.81	0.04	3.02
Linezolid	5.62	3.96	2.17	1.24
Tedizolid	7.32	7.32	0.43	0.82
Bedaquiline	6.83	4.57	0.002	0.41
Pretomanid	5.12	5.12	23.05	1.55
Sulfamethoxazole	6.95	3.18	0.63	5.18
Telacebac	5.72	5.72	0.36	0.39

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