

Table 139.1. *In vitro* susceptibility of mycobacteria to delamanid and pretomanid.

Organism	Delamanid		Pretomanid		Method	No. of isolates	Reference
	MIC ₅₀ (µg/ml)	MIC ₉₀ (µg/ml)	MIC ₅₀ (µg/ml)	MIC ₉₀ (µg/ml)			
Mycobacterium tuberculosis Complex							
<i>M. tuberculosis</i> (MTB)	0.025	0.05	0.10	0.20	Agar dilution	31	Doi and Disratthakit, 2006
	0.012	0.012			Agar dilution	6	Matsumoto et al., 2006
		< 0.00625–0.012			Agar proportion	24	European Medicines Agency, 2013
	0.01	0.04	0.05	0.10	MGIT	26	Keller et al., 2015
	0.004	0.012	0.06	0.25	Agar proportion	460 (clinical isolates)	Stinson et al., 2016
					Bactec radiometric analysis	25	Stover et al., 2000
			0.05	0.10	MGIT	207	Dawson et al., 2015
			0.125	0.25	MGIT	13 (representative reference collection)	Feurriegel et al., 2011
			> 32	> 32	MGIT	3 (pretomanid-resistant controls)	Feurriegel et al., 2011
<i>M. bovis</i> , <i>M. africanum</i> , <i>M. microti</i> , <i>M. caprae</i> , <i>M. pinnepedi</i>	Similar to MTB				Agar dilution	1 each	European Medicines Agency, 2013
<i>M. africanum</i>			< 0.0312	0.125	MGIT	7	Feurriegel et al., 2011
<i>M. canettii</i>				> 8	MGIT	2	Feurriegel et al., 2011
Slow-growing nontuberculous mycobacteria							
<i>M. kansasii</i>	0.025	0.1	12.5	12.5	Agar dilution	20	Doi and Disratthakit, 2006
<i>M. kansasii</i> , <i>M. shimoidei</i> , <i>M. xenopi</i> , <i>M. marinum</i>	0.024		> 100	> 100	Agar dilution	1 each	European Medicines Agency, 2013
<i>M. avium</i> / <i>M. intracellulare</i>	> 100	> 100	> 100	> 100	Agar dilution	50	Doi and Disratthakit, 2006
<i>M. leprae</i>			No activity				Manjunatha et al., 2006b
Rapid-growing nontuberculous mycobacteria							
<i>M. fortuitum</i> , <i>M. chelonae</i> , <i>M. abscessus</i>	> 100	> 100	> 100	> 100	Agar dilution	36	Doi and Disratthakit, 2006