

Strain	N	MIC ($\mu\text{g mL}^{-1}$)		
		ZO	AZO	AZM
ATCC 25922	1	 500 250 125 62.5 31.25 15.63 7.8 3.9 0	 500 250 125 62.5 31.25 15.63 7.8 3.9 0	 500 250 125 62.5 31.25 15.63 7.8 3.9 0
	2	 500 250 125 62.5 31.25 15.63 7.8 3.9 0	 500 250 125 62.5 31.25 15.63 7.8 3.9 0	 500 250 125 62.5 31.25 15.63 7.8 3.9 0
	3	 500 250 125 62.5 31.25 15.63 7.8 3.9 0	 500 250 125 62.5 31.25 15.63 7.8 3.9 0	 500 250 125 62.5 31.25 15.63 7.8 3.9 0
CCARM 1011	1	 500 250 125 62.5 31.25 15.63 7.8 3.9 0	 500 250 125 62.5 31.25 15.63 7.8 3.9 0	 500 250 125 62.5 31.25 15.63 7.8 3.9 0
	2	 500 250 125 62.5 31.25 15.63 7.8 0	 500 250 125 62.5 31.25 15.63 7.8 0	 500 250 125 62.5 31.25 15.63 7.8 0
	3	 500 250 125 62.5 31.25 15.63 7.8 0	 500 250 125 62.5 31.25 15.63 7.8 0	 250 125 62.5 31.25 15.63 7.8 3.9 0
CCARM 1013	1	 250 125 62.5 31.25 15.63 7.8 3.9 0	 250 125 62.5 31.25 15.63 7.8 3.9 0	 250 125 62.5 31.25 15.63 7.8 3.9 0
	2	 500 250 125 62.5 31.25 15.63 7.8 0	 500 250 125 62.5 31.25 15.63 7.8 0	 500 250 125 62.5 31.25 15.63 7.8 0
	3	 500 250 125 62.5 31.25 15.63 7.8 0	 500 250 125 62.5 31.25 15.63 7.8 0	 500 250 125 62.5 31.25 15.63 7.8 0
CCARM 1368	1	 500 250 125 62.5 31.25 15.63 7.81 0	 500 250 125 62.5 31.25 15.63 7.81 0	 500 250 125 62.5 31.25 15.63 7.81 0
	2	 500 250 125 62.5 31.25 0	 500 250 125 62.5 31.25 0	 500 250 125 62.5 31.25 0
	3	 500 250 125 62.5 31.25 0	 500 250 125 62.5 31.25 0	 500 250 125 62.5 31.25 0
CCARM 1381	1	 500 250 125 62.5 31.25 15.63 7.81 0	 500 250 125 62.5 31.25 15.63 7.81 0	 500 250 125 62.5 31.25 15.63 7.81 0
	2	 500 250 125 62.5 31.25 0	 500 250 125 62.5 31.25 0	 500 250 125 62.5 31.25 0
	3	 500 250 125 62.5 31.25 0	 500 250 125 62.5 31.25 0	 500 250 125 62.5 31.25 0
ATCC BAA-2452	1	 250 125 62.5 31.25 15.63 7.8 3.9 0	 250 125 62.5 31.25 15.63 7.8 3.9 0	 250 125 62.5 31.25 15.63 7.8 3.9 0

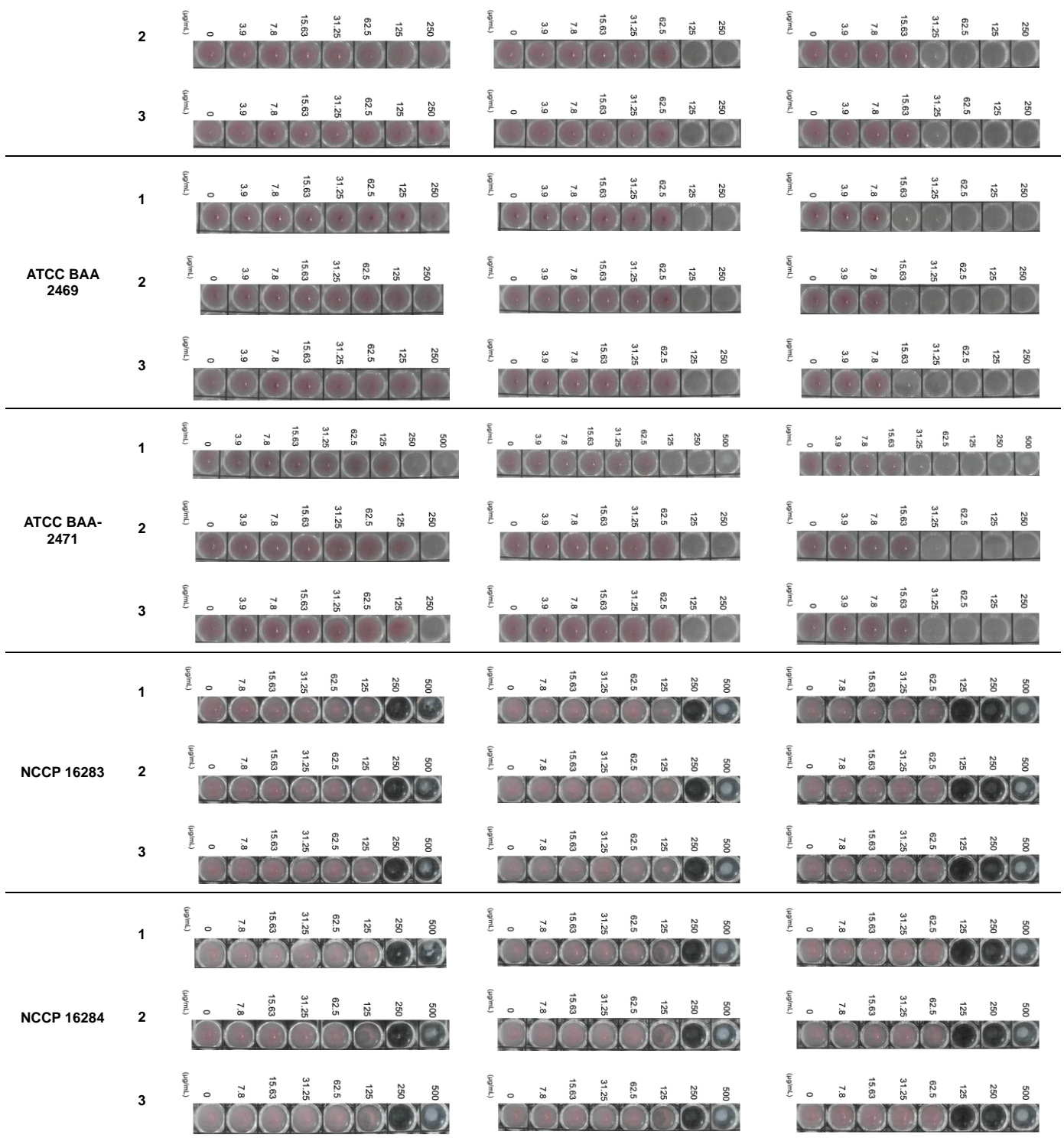


Fig S1. Minimum inhibitory concentrations (MICs) of ZO, AZO, and AZM against multidrug-resistant (MDR) *E. coli*. The image of MIC results in 96-well were photographed. The pink color indicates the bacterial growth, while white precipitates shown in the wells indicate the insoluble nanoparticles based on the colored reactions using AlamarBlue™. N indicates the number of repeats.

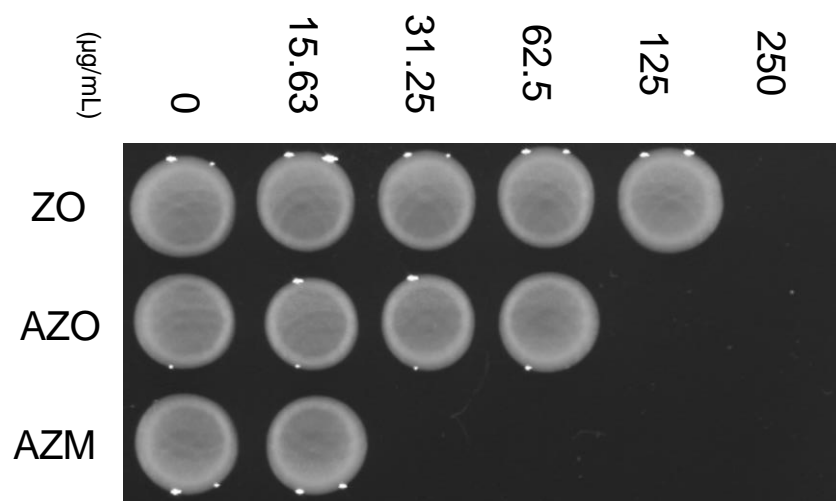


Fig S2. Bactericidal activity of ZO, AZO and AZM against multidrug-resistant (MDR) *E. coli* (ATCC BAA-2471). Aliquots (10 μ L) of bacterial cell lysates treated with materials at indicated concentrations were spotted onto LB agar plate and incubated at 37 $^{\circ}$ C for 24 h. The plate was imaged by ChemiDoc MP[®] imaging system and processed by Image Lab Software (Bio-Rad, CA, USA). One of the triplicate data was shown here.