

**Table S3.** Antibacterial activity of actinobacterial crude extracts or compounds presented through inhibition zone (mm).

Genus Name	Pathogen bacteria target	Compounds/extracts	Inhibiton Zone (mm)	Ref.
<i>Streptomyces</i> sp.	Staphylococcus sp.	Long chain fatty acids.	16	[1]
<i>Streptomyces</i> sp.	<i>S. aureus</i>	SBSK-67 Fatty acid esters	14	[2]
		SBSK-120 Fatty acid esters	16	
<i>Streptomyces</i> sp.	<i>S. aureus</i> ATCC 6538	n-butanol extract 8	14	[3]
		n-butanol extract 9	20	
<i>Streptomyces</i> sp.	<i>S. aureus</i>	Aromatic polyketide Arabomycin	17	[4]
<i>Streptomyces</i> sp.	<i>S. aureus</i> ATCC 6538	Isolated S8	9	[5]
<i>Streptomyces</i> sp.	<i>S. aureus</i>	EtOAc Extract EH1	17	[6]
		EtOAc Extract EH1	14	
<i>Streptomyces</i> sp.	MRSA <sup>1</sup> VRE <sup>3</sup>	Culture supernatant	17	[7]
	<i>S. aureus</i> (ATCC 700699)	Culture supernatant	12	
	<i>S. aureus</i> ATCC 25923	Culture supernatant	21	
<i>Streptomyces</i> sp.	<i>S. aureus</i>	EtOAc Extract crude	25	[8]
<i>Streptomyces</i> sp.	<i>S. aureus</i>	EMM111	17.5	[9]
		EMM112	35.4	
		EMM183	35	
	MRSA <sup>1</sup>	EMM111	16.3	
		EMM112	34.6	
		EMM183	23.26	
<i>Actinomadura</i> sp.	<i>S. aureus</i> NBRC12732	Fraction	12.7	[10]

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<i>Nocardiopsis</i> sp.	<i>S. aureus</i>	Extract SJP1	9	[11]
		Extract SJP4	9	
<i>Streptomyces</i> sp.	MRSE <sup>2</sup> RP62A	Compound (SKC3)	31.25	[12]
		PVI401	0.5	[13]
<i>Streptomyces</i> sp.	MRSA <sup>1</sup>	PVI402	2	
<i>Streptomyces</i> sp.	MRSA <sup>1</sup>	EtOAc Extract	19	[14]
<i>Streptomyces</i> sp.	<i>S. aureus</i>	PA720 <sup>4</sup>	18	[15]
<i>Streptomyces</i> sp.	<i>S. aureus</i>	FBA6 <sup>5</sup>	11	[16]
<i>Streptomyces</i> sp.	<i>S. aureus</i>	RAM25C4 <sup>6</sup>	34	[17]
			31	
	MRSA <sup>1</sup>			
<i>Streptomyces</i> sp.	MRSA <sup>1</sup>		24	[18]
	<i>S. aureus</i> (ATCC 29213)		21	
	<i>S. aureus</i> (ATCC25923)		21	
	<i>S. aureus</i> (ATCC 700699)		13	
<i>Streptomyces</i> sp.	MRSA <sup>1</sup>	Butanolic extract	20	[19]
Unidentified	<i>S. aureus</i>	Extract	20	[20]

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<sup>1</sup>MRSA: Methicillin resistant *Staphylococcus aureus*. <sup>2</sup>MRSE: Methicillin resistant *Staphylococcus epidermidis*. <sup>3</sup>VRE: vancomycin resistant Enterococci. <sup>4</sup>Hemoglobin degrading protease.

<sup>5</sup>Fermentation broth of ACMA006 strain. <sup>6</sup>Isolate RAM25C4.

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