

**Table 32: *In vitro* antibacterial activities of pure isolates**

Test Samples		Diameter/zones of inhibition (mm)						
		<i>S. aureus</i>	<i>S. faecalis</i>	<i>B. anthracis</i>	<i>E. coli</i>	<i>K. pneumoniae</i>	<i>S. typhimurium</i>	<i>P. aeruginosa</i>
<i>L. eriocalyx</i>	Lupeol (27)	5.4±0.0	6.3±0.1	5.1±0.1	6.7±0.2	5.2±0.1	ND	5.6±0.2
	Quercetin (65)	5.4±0.0	5.3±0.1	5.1±0.1	6.8±0.1	5.3±0.1	ND	5.6±0.2
	Apigenin (68)	5.3±0.2	5.3±0.2	5.2±0.4	5.0±0.2	5.1±0.2	5.3±0.3	ND
	Friedelin (133)	5.2±0.2	5.6±0.1	5.2±0.1	5.1±0.2	5.7±0.2	5.0±0.1	5.2±0.2
	β-sitosterol (134)	5.1±0.1	5.1±0.2	5.0±0.2	5.0±0.3	5.6±0.3	<b>9.9±0.1</b>	5.1±0.3
	Lupenone (135)	5.3±0.2	5.1±0.4	5.3±0.4	5.1±0.2	5.3±0.3	7.4±0.3	5.4±0.4
	β-sitosterol-3- <i>O</i> -glucoside (136)	5.4±0.0	5.3±0.1	5.1±0.1	6.3±0.1	5.3±0.1	5.0±0.2	5.6±0.2
	Chrysin (137)	7.2±0.1	5.1±0.1	5.4±0.2	5.0±0.1	5.2±0.2	5.4±0.1	4.8±0.1
	Morin hydrate (138)	5.3±0.2	5.1±0.4	5.3±0.4	5.1±0.2	5.3±0.3	7.4±0.3	5.4±0.4
	Quercetin 3- <i>O</i> -glucoside (139)	5.3±0.2	5.1±0.4	5.3±0.4	5.1±0.2	5.3±0.3	7.4±0.3	5.4±0.4
	4', 5-dihydroxystilbene 3- <i>O</i> -glucoside (140)	ND	ND	ND	ND	5.3±0.1	5.8±0.3	5.3±0.2
Rutin (141)	5.3±0.2	5.3±0.2	5.2±0.4	5.1±0.2	<b>9.1±0.2</b>	<b>11.3±0.3</b>	<b>9.8±0.3</b>	
<i>A. ovalifolius</i>	Plumbagin (142)	5.2±0.1	5.1±0.1	5.4±0.2	5.3±0.1	5.2±0.2	5.2±0.1	5.8±0.1
	Orientin (143)	5.1±0.1	5.7±0.1	5.2±0.2	ND	ND	5.3±0.3	ND
	Mohanimbine (144)	<b>13.8±0.1</b>	5.5±0.3	4.4±0.3	5.6±0.3	7.2±0.2	8.1±0.2	5.3±0.2
	Koenimbine (145)	6.4±0.0	6.3±0.1	5.1±0.1	5.8±0.1	5.3±0.1	5.0±0.2	6.6±0.2
	Koenidine (146)	5.2±0.1	6.1±0.1	7.4±0.2	5.9±0.1	6.2±0.2	9.4±0.1	8.8±0.1
<i>E. abyssinica</i>	7-Hydroxy-4'-methoxy-3-prenylisoflavone (147)	5.4±0.01	5.3±0.1	5.1±0.1	5.8±0.1	5.3±0.1	5.0±0.2	5.6±0.2
	Erythrasinate A (148)	5.3±0.2	5.3±0.2	5.2±0.4	5.1±0.2	5.7±0.2	5.6±0.3	ND
	<b>Am (20 µg/mL)</b>	<b>19.5±0.1</b>	<b>19.3±0.3</b>	<b>16.7±0.1</b>	<b>18.5±0.1</b>	<b>19.9±0.</b>	<b>19.6±0.0</b>	<b>17.7±0.3</b>

**Key:** *S. aureus*, (ATCC 25922), *S. faecalis* (ATCC 25925), *K. pneumonia* (ATCC 90028), *S. typhimurium* (ATCC 25927), *E. coli* (K 12), *P. aeruginosa* (ATCC 25923), *B. anthracis* (QST 713), Am = Amoxycillin, ND = Not Detected

\*Values are means ± SD of three replicates recorded at a concentration of 100 µg/mL

**Activity scale: (> 17: Highly active; 11-16: intermediate; 7-10: weak; <6: resistant) (Singh *et al.*, 2002, McChesney *et al.* 1991)**