



## Diphenylpropanoids from *Quisqualis indica* Linn. and their Anti-staphylococcal Activity

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**SUMMARY.** Four diphenylpropanoids- 1-(4-hydroxy-3-methoxyphenyl)-2-(4-allyl-2,6-dimethoxyphenoxy)propan-1-ol (1), 1-(3,4-dimethoxyphenyl)-2-(4-allyl-2,6-dimethoxyphenoxy)propan-1-ol (2), 1-(3,4-dimethoxyphenyl)-2-(4-allyl-2,6-dimethoxyphenoxy)propan-1-ylacetate (3) and 1-(4-hydroxy-3,5-dimethoxyphenyl)-2-(4-allyl-2,6-dimethoxyphenoxy) propan-1-ol (4) were isolated from the chloroform soluble fraction of a methanol extract of *Quisqualis indica*. The structures of these compounds were established unambiguously by MS and a series of 1D and 2D-NMR analyses. All compounds were tested for their anti-staphylococcal activity against a total of five multidrug-resistant (MDR) and methicillin-resistant *Staphylococcus aureus* strains and the minimum inhibitory concentrations (MICs) were in the range of 128-256 µg/ml.

**KEY WORDS:** Combretaceae, Diphenylpropanoids, MRSA, *Quisqualis indica*.

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