



Manilkzapotane, a novel dimeric alkylresorcinol derivative from the stem bark of *Manilkara zapota*

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ABSTRACT

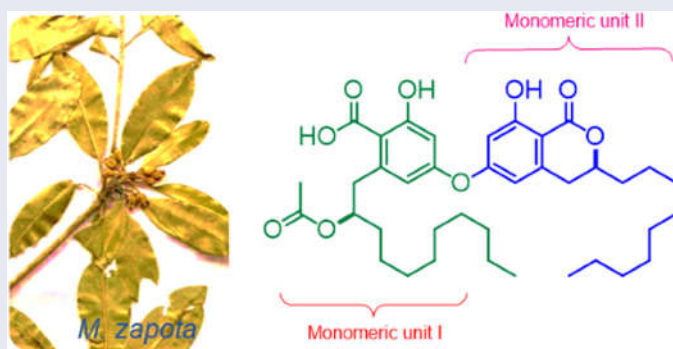
A novel dimeric alkylresorcinol derivative, manilkzapotane (**1**), along with seven known compounds, lupeol acetate (**2**), lupeol (**3**), arjunolic acid (**4**), ergosterol peroxide (**5**), taraxerol (**6**), hederagonic acid (**7**), and glochidiol (**8**) were isolated from the stem bark of *Manilkara zapota*. Their structures were determined on the basis of spectroscopic data. DFT-NMR chemical shift calculations and a modified probability (DP4+) method were applied to define the relative configuration of **1**. To the best of our knowledge, this represents the first isolation of a dimeric alkylresorcinol derivative from the Sapotaceae family.

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KEYWORDS

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