

Chemical Composition and Biological Activity of *Laennecia schiedeana*

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The chemical study of *Laennecia schiedeana* afforded three sterols, five diterpenes, five flavonoids, three caffeoyl derivatives of quinic acid, and two triterpenes. Evaluation of the cytotoxic activity of the extracts and isolated metabolites showed that 15-methoxy-16-oxo-15,16H-strictic acid was the most active compound [(15.05 ± 2.2) µg/mL against U-251 cells]. In antibacterial assays the acetonic extract of leaves was the only active extract exhibiting its highest effect against the multiresistant *Staphylococcus epidermidis* (MIC 0.25 mg/mL). The anti-inflammatory activity observed was mild in the extracts and not relevant in the isolated compounds.

Key words: Diterpenes, Cytotoxic Activity, Anti-Inflammatory Activity, Antibacterial Activity