

Crude Ethanolic Extract, Lignoid Fraction and Yangambin from *Ocotea duckei* (Lauraceae) Show Antileishmanial Activity

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Crude ethanolic extract, lignoid fraction and the purified compound yangambin were obtained from *Ocotea duckei* (Lauraceae) and their antileishmanial activity was tested against promastigote forms of *Leishmania chagasi* and *Leishmania amazonensis* cultivated in Schneider medium, supplemented with 20% of fetal bovine serum. All substances presented antileishmanial activity with IC₅₀ values of 135.7 µg/mL for the crude ethanolic extract, 26.5 µg/mL for the lignoid fraction and 49.0 µg/mL for yangambin on *L. chagasi*. For *L. amazonensis* the IC₅₀ values were 143.7 µg/mL, 48.2 µg/mL and 64.9 µg/mL for the crude ethanolic extract, the lignoid fraction, and the purified compound yangambin, respectively. The crude ethanolic extract, lignoid fraction, and yangambin caused an inhibition higher than Glucantime[®], a reference drug used for the treatment of leishmaniasis.

Key words: *Leishmania*, *Ocotea duckei*, Antileishmanial Activity