

Planta Med 2006; 72(14): 1341-1343

DOI: 10.1055/s-2006-951689

Letter

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A Novel Isoflavonoid from *Millettia puguensis*

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Abstract

From the roots of *Millettia puguensis* (Leguminosae), a novel isoflavonoid (5), 2-methoxy-4,5-methylenedioxy-7,8-[2-(1-methylethenyl)furo]isoflavone, and four known compounds, i. e., lupeol (1), (-)-maackiain (2), 6,7-dimethoxy-3,4-methylenedioxyisoflavone (3) and 7,2-dimethoxy-4,5-methylenedioxyisoflavone (4) were isolated and identified by ¹H-, ¹³C-NMR and mass spectroscopy. All compounds were evaluated for their antiprotozoal and cytotoxic activities, but only a moderate antileishmanial activity was observed for compound 3 (IC₅₀ = 32 μM against *Leishmania infantum*), and a moderate cytotoxicity for compound 2 (IC₅₀ = 43 μM on MRC-5 cells).