

Two new megastigmane sulphonoglucosides from *Mallotus anisopodus*

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Abstract: Phytochemical study of the methanol extract of *Mallotus anisopodus* led to the isolation of two new megastigmane sulphonoglucosides, namely anisoposides A (1) and B (2), along with junipetriolside A (3), bergenin (4), α -tocopherol, and N¹-methyl-2-pyridone-5-carboxamide. Their structures were deduced by spectroscopic and spectrometric methods including 1D-, 2D-NMR, ESI-MS, and HRESI-MS.

Author Keywords: Anisoposides A and B; Euphobiaceae; *Mallotus anisopodus*; Megastigmane sulphonoglucosides

Index Keywords: 1 methyl 6 oxonicotinamide; alpha tocopherol; anisoposides a; anisoposides b; bergenin; junipetriolside A; mallotus anisopodus extract; plant extract; unclassified drug; anisoposide A; anisoposide B; dyes, reagents, indicators, markers and buffers; glucoside; norisoprenoid; solvent; article; drug isolation; drug structure; Euphorbia; mallotus anisopodus; medicinal plant; nonhuman; nuclear magnetic resonance; spectrometry; spectroscopy; chemistry; conformation; electrospray mass spectrometry; hydrolysis; *Mallotus philippinensis*; nuclear magnetic resonance spectroscopy; plant leaf; thin layer chromatography; Carbohydrate Conformation; Chromatography, Thin Layer; Glucosides; Hydrolysis; Indicators and Reagents; Magnetic Resonance Spectroscopy; *Mallotus* Plant; Norisoprenoids; Plant Leaves; Solvents; Spectrometry, Mass, Electrospray Ionization

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Chemicals/CAS: alpha tocopherol, 1406-18-4, 1406-70-8, 52225-20-4, 58-95-7, 59-02-9; bergenin, 477-90-7; glucoside, 50986-29-3; Glucosides; Indicators and Reagents; Norisoprenoids; Solvents; anisoposide A; anisoposide B

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