

New megastigmane glucosides from *Excoecaria cochinchinensis* Lour. var. *cochinchinensis*

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Abstract: Two new megastigmane glucosides, called excoecariosides A and B were isolated from the leaves of a medicinal Vietnamese plant, *Excoecaria cochinchinensis* Lour. var. *cochinchinensis* (Euphorbiaceae) together with seven known compounds. Their structures were elucidated by spectroscopic analyses and chemical reactions including the modified Mosher's method. ?? 2005 Pharmaceutical Society of Japan.

Author Keywords: Euphorbiaceae; *Excoecaria cochinchinensis*; Excoecarioside; Megastigmane glucoside

Index Keywords: 4 hydroxybenzoic acid; astragalin; excoecarioside A; excoecarioside B; gallic acid; glucoside; kaempferol derivative; shikimic acid; unclassified drug; article; chemical reaction kinetics; drug isolation; drug structure; Euphorbia; *Excoecaria cochinchinensis*; medicinal plant; plant leaf; Chromatography, High Pressure Liquid; Chromatography, Thin Layer; Cyclohexanones; Euphorbiaceae; Glucosides; Hydrolysis; Magnetic Resonance Spectroscopy; Norisoprenoids; Plant Extracts; Plant Leaves; Solvents; Spectrometry, Mass, Fast Atom Bombardment; Spectroscopy, Fourier Transform Infrared; Vietnam

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Chemicals/CAS: 4 hydroxybenzoic acid, 456-23-5, 99-96-7; astragalin, 480-10-4; gallic acid, 149-91-7; glucoside, 50986-29-3; shikimic acid, 138-59-0; Cyclohexanones; excoecarioside A; excoecarioside B; Glucosides; Norisoprenoids; Plant Extracts; Solvents

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