

[Chem. Pharm. Bull., 44, 232-234 (1996)]

[Lab. of Pharmacognosy]

Three New Xanthenes from the Bark of *Garcinia dioica*.

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Three new xanthenes were isolated from the bark of *Garcinia dioica* in addition to known xanthone, rubraxanthone. The structures of the three xanthenes were elucidated to be 1,3,6-trihydroxy-8-(7-hydroxy-3,7-dimethyl-2,5-octadienyl)-7-methoxyxanthone, 1,3,6-trihydroxy-8-(6,7-epoxy-3,7-dimethyl-2-octenyl)-7-methoxy-7-methoxyxanthone and 1,3,7-trihydroxy-2,4-diisoprenylxanthone by the aid of spectroscopic analysis including the 2D NMR technique. The occurrence of xanthone with such a C₁₀ alkyl chain is rare in naturally occurring compounds.

[Phytochemistry, 41, 545-547 (1996)]

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Two *p*-coumaroyl Glycerides from *Juncus effusus*.JIN DONG-ZHE, MIN ZHI-DA, CEROGÉ, C.Y. CHIOU, MUNEKAZU IINUMA*,
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From the medullae of *Juncus effusus*, 13 compounds were isolated: a (2*S*)-2,3-isopropylidene-1-*O-p*-coumaroyl glyceride (juncusyl ester A), 2-*O-p*-coumaroyl glyceride (juncusyl ester B), (2*S*)-1-*O-p*-coumaroyl glyceride, 6 α -spinasterol, β -sitosterol, β -sitostery- β -D-glucoside, effusol, *p*-coumaric acid, isosutellarein pentamethyl ether, nobiletin, quercetin, rutinose and vanillic acid. Juncusyl esters A and B are new compounds.

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**Antibacterial Activity of Some *Garcinia* Benzophenone Derivatives
against Methicillin-Resistant *Staphylococcus aureus*.**MUNEKAZU IINUMA,* HIDEKI TOSA, TOSHIYUKI TANAKA, SATIYO KANAMARU,
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Benzophenone derivatives, garcinol and isogarcinol isolated from the pericarps of *Garcinia purpurea*, and xanthocymol and a mixture of isoxanthocymol, cyclocanthocymol from the pericarps of *G. subelliptica* were evaluated for their antibacterial activity against methicillin-resistant *Staphylococcus aureus*. Among them, xanthocymol showed the lowest minimum inhibitory concentration at 3.1-12.5 μ g/ml. This concentration is nearly equal to that of the antibiotic, vancomycin.