

Heterocycles, 60, 159-166 (2003).

**Six Flavonostilbenes from *Gnetum africanum* and *Gnetum gnemon***

Ibrahim Iliya<sup>1</sup>, Toshiyuki Tanaka<sup>2</sup>, Zulfiqar Ali<sup>2</sup>, Muenekazu Inuma<sup>1</sup>, Miyuki Furusawa<sup>2</sup>, Ken-ichi Nakaya<sup>2</sup>, Yoshiaki Shirataki (白瀧義明)<sup>3</sup>, Jin Murata<sup>4</sup>, Dedy Darnaedi<sup>5</sup>, Mobuyasu Matuura<sup>6</sup>, and Makoto Ubukata<sup>6</sup>

<sup>1</sup>Gifu Pharmaceutical University, 5-6-1 Mitahora-higashi, Gifu 502-5858, Japan, <sup>2</sup>Gifu Prefectural Institute of Health and Environmental Sciences, 1-1 Nakafudogaoka, Kakamigahara, Gifu 504-0838, Japan, <sup>3</sup>Faculty of Pharmaceutical Sciences, Josai University, 1-1 keyakidai, Sakado Saitama 350-0295, Japan, <sup>4</sup>Botanical Gardens, Koishikawa, Graduate School of Science, University of Tokyo, 3-7-1 Hakusan, Bunkyo-Ku, Tokyo 112-0001, Japan, <sup>5</sup>Indonesian Institute of Sciences Jalan Ir. H. Juanda 13, Bogor 16122, Indonesia, <sup>6</sup>Toyama Prefectural University, 5180 Kosugi-machi, Izumi-gun, Toyama 939-0298, Japan

Six new flavonostilbenes (gnetoflavanols A, B, C, D, E and F) were isolated from the stem of *Gnetum africanum* and the root of *G. gnemon*. The structures of the compounds were determined by spectroscopic analysis. The antioxidant activity of the compounds on lipid peroxide inhibition and superoxide scavenging activity were also investigated.