

Natural Medicines, 56, 139-142 (2002).

### Stilbene Oligomers in Roots of *Sophora moorcroftiana*

Yoshiaki Shirataki (白瀧 義明)<sup>1</sup>, Toshiyuki Tanaka<sup>2</sup>, Masayoshi Ohyama<sup>3</sup>, Shizuo Toda<sup>4</sup> and Munekazu Inuma<sup>5</sup>

<sup>1</sup>Faculty of Pharmaceutical Sciences, Josai University, 1-1 Keyakidai Sakado, Saitama 350-0295, Japan; <sup>2</sup>Gifu Prefectural Institute of Health and Environmental Sciences, 1-1 Naka Fudogaoka, Kakamigahara, Gifu 504-0838, Japan; <sup>3</sup>Natural Products Lab., School of Pharmacy, The University of North Carolina at Chapel Hill, CB#7360, 3155 Beard Hall. Chapel Hill, North Carolina 27559-7360, USA; <sup>4</sup>Department of Pharmaceutical Science, Kansai College of Oriental Medicine, Osaka 590-0482, Japan; <sup>5</sup>Gifu Pharmaceutical University, 5-6-1 Mitahora-higashi, Gifu 502-8585, Japan

The investigation of chemical constituents in roots of *Sophora moorcroftiana* afforded five resveratrol oligomers. These structures were determined to (-) - viniferine, (+) - viniferine, miyabenol C, *cis* - miyabenol C and a new trimer named sophorastilbene A, by the analysis of NMR spectral data, especially 2D\_methods.