

New Eremophilane-Type Sesquiterpenoids, Eremoxylarins A and B from Xylariaceous Endophytic Fungus YUA-026

Yoshihito Shiono and Tetsuya Murayama

Department of Bioresource Engineering, Faculty of Agriculture, Yamagata University, Tsuruoka,
Yamagata 997-8555, Japan

Reprint requests to Dr. Y. Shiono. Fax: +81-235-28-2820. E-mail: yshiono@tds1.tr.yamagata-u.ac.jp

Z. Naturforsch. **60b**, 885 – 890 (2005); received November 29, 2004

Two new eremophilane sesquiterpenes, eremoxylarins A and B, were isolated from the xylariaceous endophytic fungus YUA-026. Their structures were determined by spectroscopic methods. Eremoxylarins A and B showed antimicrobial activity against *Staphylococcus aureus* and *Pseudomonas aeruginosa*.

Key words: Eremoxylarins A and B, Xylariaceae