

Protoilludane-Type Sesquiterpenes, Echinocidins A and B, from a Mycelial Culture of *Echinodontium tsugicola*

Yoshihito Shiono, Takayuki Seto, Manabu Kamata, Chinatsu Takita, Shinsuke Suzuki,
Tetsuya Murayama, and Michimasa Ikeda

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

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Two novel protoilludane sesquiterpenoids, echinocidins A (**3**) and B, (**4**) have been isolated from an artificial liquid culture of the basidiomycetous fungus *Echinodontium tsugicola* and their structures clarified spectroscopically. Echinocidin A (**3**) accelerated primary root growth to 117% and echinocidin B to 180 % of controls at a concentration of 100 ppm.

Key words: *Echinodontium tsugicola*, Echinocidins A and B