

The Structure of Two Fengycins from *Bacillus subtilis* S499 §

Jochen Schneider^a, Kambiz Taraz^a, Herbert Budzikiewicz^{a,*}, Magali Deleu^b,
Philippe Thonart^b, Philippe Jacques^b

^a Institut für Organische Chemie der Universität zu Köln, Greinstr. 4, D-50939 Köln,
Germany. Fax: +49–221–470–5057. E-mail: h.budzikiewicz@uni-koeln.de

^b Faculté Universitaire des Sciences Agronomiques, B-5030 Gembloux, Belgium

* Author for correspondence and reprint requests

Z. Naturforsch. **54c**, 859–866 (1999); received May 6/June 1, 1999

Bacillus subtilis, Fengycin, Lipopeptides

The structures of the two fengycins, lipopeptides from *Bacillus subtilis*, were elucidated by spectroscopic methods and chemical degradation. They show a close structural relationship to the plipastatins from *Bacillus cereus* differing only in the stereochemistry of the Tyr residues.