A Novel Cyclopeptide from a Bacterium Associated with the Marine Sponge Ircinia muscarum

Maya Mitova, Giuseppina Tommonaro, and Salvatore De Rosa* Istituto di Chimica Biomolecole CNR, via Campi Flegrei, 34, I-80078 Pozzuoli (Napoli) Italy.

Fax: +390818041770. E-mail: sderosa@icmib.na.cnr.it * Author for correspondence and reprint requests

Z. Naturforsch. **58c**, 740–745 (2003); received January 30/March 7, 2003 A new cyclotetrapeptide 1, together with three known cyclopeptides were isolated from

the exo-cellular extract of *Pseudomonas* sp. a bacterium associated with the sponge *Ircinia* muscarum. The structure of 1 was suggested on the basis of spectroscopic analytical data and chemical degradation.

Key words: Marine Bacteria, Cyclopeptide, Sponge