Sesterterpenes from the Sponge *Dysidea* sp.

Xiaoxia Yang\(^a\), Zhiyu Shao\(^a, b\), and Xingqun Zhang\(^a, b\)

\(^a\) College of Chemistry, Chemical Engineering and Biotechnology, Donghua University, Shanghai 201620, China
\(^b\) Key Laboratory of Science & Technology of Eco-Textile, Ministry of Education, Donghua University, Shanghai 201620, China

Reprint requests to Prof. Dr. X. Zhang. Fax: +86-21-67792608. E-mail: xqz@dhu.edu.cn

*Z. Naturforsch.* **2010**, *65b*, 625–627; received December 23, 2009

The acetone extract of the sponge *Dysidea* sp. was subjected to chromatography techniques for fractionation and purification. A new sesterterpene, scalarester (1), and four known scalaranes, *viz.* scalarin (2), scalaradial (3), desacetylscalaradial (4), and desacetoxyscalaradial (5), were obtained. Their structures have been elucidated by means of spectroscopic data interpretation, mainly 1D and 2D NMR and mass spectrometry.

*Key words:* Sesterterpene, Sponge, *Dysidea* sp., Scalarane