

Iridoids from *Avicennia marina*

Kamel H. Shaker^a, M. Hani A. Elgamal^{b, deceased} and Karlheinz Seifert^{a,*}

^a University of Bayreuth, Organic Chemistry I/2, NW II, D-95440 Bayreuth, Germany.
Fax: 49-921-55 53 58. E-mail: karlheinz.seifert@uni-bayreuth.de

^b National Research Centre, Laboratory of Natural Products, Dokki, Cairo, Egypt

* Author for correspondence and reprint requests

Z. Naturforsch. **56c**, 965–968 (2001); received August 27/September 12, 2001

Avicennia marina, Iridoids, Geniposidic Acid

Three new iridoid glucosides, 10-*O*-[(*E*)-cinnamoyl]-geniposidic acid, 10-*O*-[(*E*)-*p*-coumaroyl]-geniposidic acid, 10-*O*-[(*E*)-caffeoyl]-geniposidic acid and the known iridoid glucoside, 2'-*O*-[(*E*)-cinnamoyl]-mussaenosidic acid have been isolated from *Avicennia marina*. The structures were determined primarily by NMR spectroscopy. The assignment of NMR signals was performed by means of ¹H–¹H COSY, HMQC and HMBC experiments.