

Andirol A and B, Two Unique 6-Hydroxymethylpterocarpenes from *Andira inermis*[§]

Carola Kraft^a, Kristina Jenett-Siems^{a,*}, Inga Köhler^a, Karsten Siems^b,
Daniel Abbiw^c, Ulrich Bienzle^d and Eckart Eich^a

^a Institut für Pharmazie (Pharmazeutische Biologie), Freie Universität Berlin,
Königin-Luise-Str. 2–4, D-14195 Berlin, Germany. Fax: +49 30 83 85 37 29.
E-mail: kjsiems@zedat.fu-berlin.de

^b AnalytiCon Discovery GmbH, D-14473 Potsdam, Germany

^c Department of Botany, University Legon-Accra, Accra, Ghana

^d Institut für Tropenmedizin, Medizinische Fakultät Charité der Humboldt-Universität zu
Berlin, D-14050 Berlin, Germany

* Author for correspondence and reprint requests

Z. Naturforsch. **57c**, 785–790 (2002); received May 10/May 31, 2002

Antiplasmodial Activity, Andirol A–B, Andinermol

From a methanolic extract of the leaves of *Andira inermis* (Fabaceae), andirol A and B, two compounds with a novel type of a rotenoid-related skeleton and andinermol, a new 2-aryl-3-hydroxymethyl-benzofuran could be isolated. Characterisation and structure elucidation of these compounds was achieved on the basis of their spectral data. In addition, the *in vitro* activities of the isolated compounds against both the chloroquine-sensitive strain PoW and the chloroquine-resistant clone Dd2 of *Plasmodium falciparum* have been evaluated.