A New Prenylisoflavone from *Ulex jussiaei*

Patrícia Máximo*, Ana Lourenço, Sónia Savluchinske Feio and José Carlos Roseiro

a REQUIMTE/CQFB, Departamento de Química, FCT, Universidade Nova de Lisboa, 2829-516, Caparica, Portugal. Fax: 351212948550. E-mail: a.lourenco@dq.fct.unl.pt

b Instituto Nacional de Engenharia e Tecnologia Industrial IBQTA, Laboratório de Microbiologia Industrial, Azinhaga dos Lameiros, 1699 Lisboa Codex, Portugal

* Author for correspondence and reprint requests

Z. Naturforsch. **57c**, 609–613 (2002); received March 8/April 8, 2002

*Ulex*, Isoflavones, Derrone

A new naturally occurring isoflavone, derrone, was isolated from *Ulex jussiaei* (Leguminosae) together with the isoflavones ulexins A–C, lupalbigenin, isolupalbigenin, 7-O-methylisolupalbigenin, isoderrone, ulexone A and isochandalone, the pterocarps (6aR,11aR)-(−)-maackiain, (6aR,11aR)-(−)-2-methoxymaackiain and (6aR,11aR)-(−)-4-methoxymaackiain, the chalcone 4-hydroxylonchocarpine and the dihydrochalcone crotaramosmine. The antifungal activity of the new compound was tested by a bioautographic method against *Cladosporium cucumerinum*, and as expected from structural features it proved to have no activity.