

Racemochryson, a Dihydroanthracenone from *Senna racemosa*

Gonzalo J. Mena-Rejón^a, Karla Pérez-Rivas^a, Pablo Sansorez-Peraza^a, Tirso Rios^b
and Leovigildo Quijano^{b*}

^a Departamento de Química Orgánica, Facultad de Química, Universidad Autónoma de Yucatán, Calle 41 No. 421, Col. Industrial, 97150 Mérida, Yuc. México

^b Instituto de Química, UNAM, Circuito Exterior, Ciudad Universitaria, Coyoacán, 04510, México, D. F., México. Fax (52.55) 56 16.22 17. E-mail: quijano@servidor.unam.mx

* Author for correspondence and reprint requests

Z. Naturforsch. **57c**, 777–779 (2002); received April 24/June 10, 2002

Senna, Anthraquinones

From the hexane extract of the bark of the stems of *Senna racemosa* (syn. *Cassia racemosa*) a new dihydroanthracenone derivative, named racemochryson, was isolated. Its structure was established as 8,9-dihydroxy-3-methoxy-2,2,6-trimethyl-(2H)-anthracen-1-one based on spectroscopical data, mainly 1D and 2D NMR experiments. In addition β -sitosterol, stigmasterol, chrysophanol and physcion were obtained. From the leaves extracts the piperidine alkaloid cassine and the hexitol pinitol were obtained.