

A NEW QUINONE-METHIDE TRITERPENOID FROM  
SALACIA RETICULATA (CELASTRACEAE)

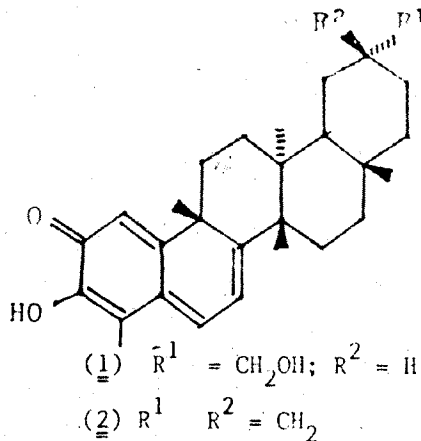
A.A. Leslie Gunatilaka, Bhavani Dhanabalasingam  
Veranja Karunaratne and Tohru Kikuchi \*

Dept. of Chemistry, University of Peradeniya

\* Toyama Medical & Pharmaceutical University, Japan

In our continuing interest in quinone-methide triterpenoids of Celastraceae, we have investigated the triterpenoid pigments of the outer root bark of Salacia reticulata.<sup>1</sup> In this paper we report the structure of a new quinone-methide isolated from the benzene extract.

The structure of this new quinone-methide triterpenoid was elucidated as (1) based on its spectral data including two-dimensional hetero-nuclear <sup>1</sup>H-<sup>13</sup>C shift correlated NMR spectra and NOe studies. This compound could be perceived to be a probable biosynthetic precursor to iso-iguesterin(2).



Acknowledgements: We thank Prof. S Balasubramaniam for identification and collection of plant material.

References:

Dhanabalasingam, B., Gunatilaka, A.A.L. and Balasubramaniam S. (1988) Proc. Sri Lanka Assoc. Advmt. Sci 44(1), 177