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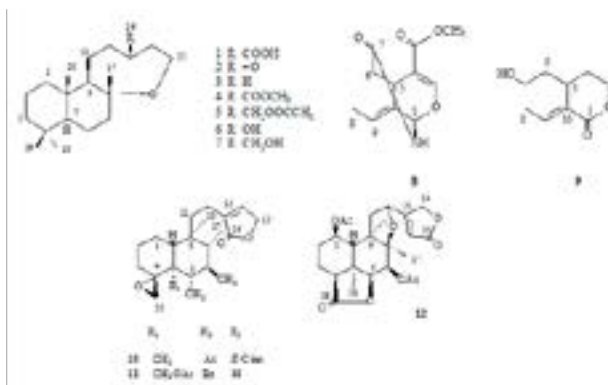


Dina Mendonça

University of Beira Interior, Portugal

Studies on Angolan medicinal plants

The use of medicinal plants and folk medicine are wide spread in the world. In Africa the majority of local populations uses medicinal plants and goes to traditional healers in his search for medical care. Little has been done to validate traditional uses of plants and to evaluate the huge potential in new biological active compounds from the African flora. As part of our ongoing study of the plants of Angola, we report the isolation of new clerodanes, new iridoids and new 8,15-epoxylabdanes characterized by means of IR, ¹HNMR, ¹³CNMR, 2D-NMR, HREIMS and X-ray analysis, with bactericide and cytotoxic.



Biography

Dina Mendonça is currently Auxiliary Professor at Chemistry Department, University of Beira Interior, Covilhã, Portugal. She earned her PhD in Chemistry from the University of Beira Interior in 1997. Since then she teaches Organic Chemistry, General Chemistry and recently Plant Biology. She developed research on Natural Products in FibEnTech-UBI research unit and developed national projects financed by FCT in the field of Natural Products specially on Angolan medicinal plants. She has published 20 papers in reputed journals. Her research interests include organic chemistry, natural products isolation, spectroscopic elucidation and biological activities.

disabel@ubi.pt

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