Anticancer Activity of Diterpenoids from Amoora ouangliensis and Amoora stellato-squamosa

Shu-Min Yang^{a,*}, Da-Gang Wu^b, and Xi-Kui Liu^{b,*}

- School of Chemical Biology and Pharmaceutical Sciences, Capital Medical University, Beijing 100069, China. Fax: +860183911533. E-mail: xiaoyang618@yahoo.com.cn
 State Key Laboratory of Phytochemistry and Plant Resources in West China, Kunming Institute of Botany, the Chinese Academy of Sciences, Kunming, Yunnan 650204, China. Fax: +868715150227. E-mail: ljuxikui@mail.kib.ac.cn
- * Authors for correspondence and reprint requests Z. Naturforsch. **65 c**, 39–42 (2010); received August 7, 2009

A new *ent*-halimane-type diterpene, named 5(10),14-*ent*-halimadien-3 ,13S-diol (1), was isolated from the bark of *Amoora ouangliensis* and its chemical structure determined on the basis of spectroscopic analysis. Additionally, ten other diterpenoids were obtained from *A. ouangliensis* and *A. stellato-squamosa*. The bioactive experiments of all compounds against AGZY 83-a (human lung cancer cells) and SMMC-7721 (human liver cancer cells) cells were documented.

Key words: 5(10),14-ent-Halimadien-3 ,13S-diol, Amoora ouangliensis, Amoora stellato-squamosa