(49) Isolation of new Flavone from *P. punctulata*. Hassan A. Albar. Chem. Dept., King Abdulaziz University, POBOX 80203, Jeddah21589, Saudi Arabia. Website: kau.edu.sa/halbar. <sup>9th</sup>Ibn Senia International conference, 2003.

## Isolation of new Flavone from P. punctulata

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Psiadia punctulata and/or P. Arabica, small shrubs, found on highlands, in folk medicine [1], heated branches are applied externally to treat rheumatism and to heal broken bones. Several flavones and Kaurene diterpenes isolated from P. Arabica [2a,b]. New flavone, 5-hydroxy-4',6,7,8-tetramethoxyflavone 1 and known Kaurene diterpenes 2 isolated from P. punctulata (Saudi Arabia). The Psiadin 2 was isolated from P. Arabica (Saudi Arabia) [2b] and P. punctulata (Kenyan) [3]. The structures of 1, 2 were established on the basis of spectroscopic and 2D-NMR analysis and previously published data on the known compounds. The above results indicated that the chemtaxonomy of above Psiadia plants not containing 3-methoxyflavones as found Wang [4] and Scott [5] from P. cataractae Scott, P. mauritiana Scott, P. penninervia DC, P. terebinthina Scott, P. viscose, P. dentate and P. punctulata