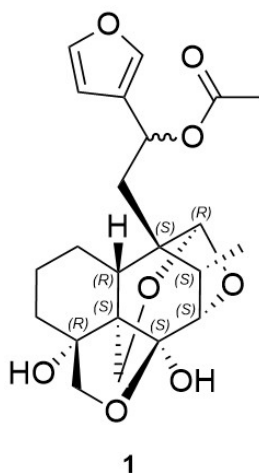


**New neo-clerodane diterpenes from *Teucrium polium* subsp. *capitatum***

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*Teucrium polium* subsp. *capitatum* (syn. *Teucrium capitatum*, Lamiaceae), popularly known as golden or felty germander, is a deciduous shrub that abundantly grows in Mediterranean regions of Europe, Northern Africa, and Southwest Asia. The aerial parts are traditionally used in Algeria as a decoction or ointment in the treatment of hypertension, diabetes, and wounds. In a previous study we reported the wound healing properties of a methanolic extract in a wound excision model in rabbits, and a comprehensive polyphenolic profile of this extract [1]. Further investigation of the methanolic extract focusing on the non-phenolic constituents afforded six furanoid neo-clerodane diterpenes, including 20-acetylaupolin and 6-acetylteucjaponin A, along with four previously undescribed congeners. The compounds were isolated by preparative HPLC-ESIMS after silica gel column chromatography. Their structures were established by extensive NMR analysis, HRESIMS, and by comparison with literature data of related compounds. The absolute configuration of 20-acetylaupolin was confirmed by single crystal X-ray crystallographic analysis. Some of the isolated diterpenes possess structural features uncommon in neo-clerodane diterpenes, such as a rare C-20 acetal function forming an oxepane ring to C-7 of the *trans*-decalin core structure such as in teupocapin C (**1**).



[1] Sarra Chabane, Amel Boudjelal, Morris Keller, Sara Doubakh, Olivier Potterat, *Teucrium polium* - wound healing potential, toxicity and polyphenolic profile, South African Journal of Botany, **2021**, 137, 228-235.