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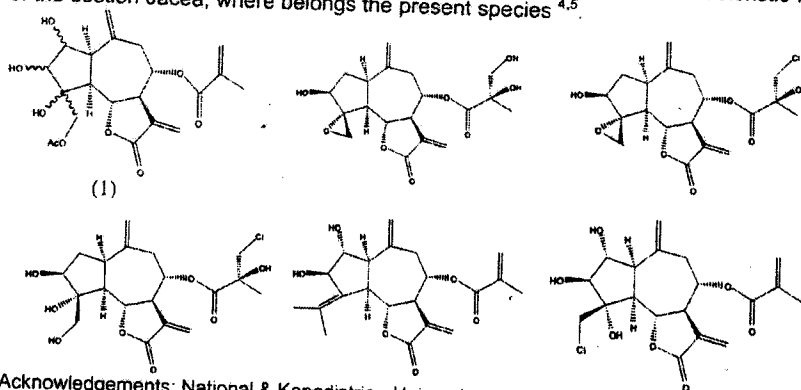
SECONDARY METABOLITES FROM THE AERIAL PARTS OF *CENTAUREA PANNONICA*

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*Centaurea* is a complex genus of about 500 species belonging to the Asteraceae family<sup>1</sup>. Sesquiterpene lactones, flavonoids and lignans are the main constituents of the genus<sup>2</sup>. *Centaurea pannonica* (Heuffel) Simonkai was collected in Šumadija region-Serbia, on September 2008. The fresh plant material was extracted as previously described<sup>3</sup> and afforded one new (1) and five known guaianolides, namely apigenin, hispidulin, diosmetin and one known phenyl propanoid glucoside, syringin. The structure of the isolated compounds was elucidated by spectroscopic methods, particularly high-field NMR spectroscopy (<sup>1</sup>H-NMR, <sup>1</sup>H-<sup>1</sup>H COSY, HSQC, HMBC). So far, the presence of guaianolides is characteristic for the taxa of the section *Jacea*, where belongs the present species<sup>4,5</sup>.



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**Bibliografija**

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