



Antiradical activity of flavonoids from the Algerian native plant: *Centaurea microcarpa* Coss. et Dur.

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Titre	Antiradical activity of flavonoids from the Algerian native plant: <i>Centaurea microcarpa</i> Coss. et Dur.
Type de publication	Article de revue
Auteur	Louaar, S. [1], Zellagui, A. [2], Gherraf, N. [3], Medjroubi, Kamel [4], Derbré, Séverine [5], Seguin, Elisabeth [6], Laouer, Hocine [7], Akkal, Salah [8]
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Mots-clés	Astreaeae [9], <i>Centaurea microcarpa</i> [10], DPPH [11], Flavonoids [12], radical scavengers [13]
Résumé en anglais	A phytochemical investigation of the aerial parts of <i>Centaurea microcarpa</i> resulted in the isolation of two known flavonoids: 5,7,4'-trihydroxy-3,6-dimethoxyflavone 7-O- β -glucoside (1), 6-methoxykaempferol (2). The structures of these compounds were elucidated on the basis of 1D and 2D NMR and mass spectroscopy. Compounds: (1) and (2) were screened for their in vitro antioxidant activity through DPPH free radical-scavenging assay.
URL de la notice	http://okina.univ-angers.fr/publications/ua10634 [14]
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Liens

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