

Antioxidant activity and chemical constituents of *Warionia saharae* Benth. & Coss. (Compositae) from Algeria.

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Titre	Antioxidant activity and chemical constituents of <i>Warionia saharae</i> Benth. & Coss. (Compositae) from Algeria.
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Auteur	Mezhoud, Samia [1], Derbr�, S�verine [2], Ameddah, S. [3], Mekkiou, R. [4], Boumaza, O. [5], Seghiri, R. [6], Benayache, S. [7], Richomme, Pascal [8], Benayache, F. [9]
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Mots-cl�s	Antioxidant activity [10], Asteraceae [11], Coumarins [12], Flavonoids [13], <i>Warionia saharae</i> [14]
R�sum� en anglais	Phytochemical investigations of chloroform and ethyl acetate extracts from the aerial parts of <i>Warionia saharae</i> Benth. & Coss. from Algeria resulted in the isolation of ten known compounds: β -sitosterol, stigmasterol, scopoletin, cirsimaritin, chrysoeriol, hispidulin, luteolin, esculetin, (2R,3R) taxifolin, quercetin. Their structures were elucidated on the basis of extensive spectroscopic analysis and comparison with the related known compounds. The EtOAc extract which was evaluated for DPPH radical scavenging activity and of lipid peroxide inhibition showed potent antioxidant ability compared to the quercetin and ascorbic acid used as positive control.
URL de la notice	http://okina.univ-angers.fr/publications/ua10799 [15]
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Titre abr�g�	Int. J. Med. Arom. Plants

Liens

- [1] [http://okina.univ-angers.fr/publications?f\[author\]=25154](http://okina.univ-angers.fr/publications?f[author]=25154)
- [2] <http://okina.univ-angers.fr/severine.derbre/publications>
- [3] [http://okina.univ-angers.fr/publications?f\[author\]=19045](http://okina.univ-angers.fr/publications?f[author]=19045)
- [4] [http://okina.univ-angers.fr/publications?f\[author\]=19046](http://okina.univ-angers.fr/publications?f[author]=19046)
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