

Two new triterpenoid saponins from the leaves of *Bupleurum lancifolium* (Apiaceae)

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Auteur	Achouri, Amel [1], Derbr�, S�verine [2], Medjroubi, Kamel [3], Laouer, Hocine [4], Seraphin, Denis [5], Akkal, Salah [6]
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Mots-cl�s	Apiaceae [7], <i>Bupleurum lancifolium</i> [8], flavonol glycosides [9], triterpenoid saponins [10]
R�sum� en anglais	Chemical investigation of the leaves of <i>Bupleurum lancifolium</i> led to the isolation and identification of two triterpenoid saponins previously undescribed named 3-O-[�-L-rhamnopyranosyl (1 � 4)-�-D-glucopyranosyl] echinocystic acid 28-O-�-D-glucopyranosyl ester (1) and 3-O-[�-L-rhamnopyranosyl (1 � 4)-�-D-glucopyranosyl] oleanolic acid 28-O-�-D-glucopyranosyl ester (2) along with the two known compounds isorhamnetin 3-rutinoside (3) and rutin (4). Their structures were elucidated by different spectroscopic methods, including HRESIMS analysis as well as 1D and 2D NMR experiments.
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Liens

- [1] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=19127>
- [2] <http://okina.univ-angers.fr/severine.derbre/publications>
- [3] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=19128>
- [4] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=19392>
- [5] <http://okina.univ-angers.fr/denis.seraphin/publications>
- [6] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=18854>

- [7] <http://okina.univ-angers.fr/publications?f%5Bkeyword%5D=12049>
- [8] <http://okina.univ-angers.fr/publications?f%5Bkeyword%5D=24946>
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- [10] <http://okina.univ-angers.fr/publications?f%5Bkeyword%5D=24948>
- [11] <http://okina.univ-angers.fr/publications/ua17373>
- [12] <http://dx.doi.org/10.1080/14786419.2017.1324960>
- [13] <https://www.tandfonline.com/doi/abs/10.1080/14786419.2017.1324960?journalCode=gnpl20>

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