



Resorcinolic Lipids from Yucatecan Propolis

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| Mots-clés | Antioxydants [7], Apis mellifera [8], argentation [9], laser desorption ionization [10], structure elucidation [11] |
| Résumé en anglais | <p>Propolis is a material produced by bees from a combination of plant exudates and wax, used to fill out cracks in the beehive and to defend against intruders and pathogenic microorganisms; it is recognized for its many biological activities and its chemical composition depends on the botanical sources close to the beehive. The objective of this investigation was to isolate and identify metabolites with antioxidant activity present in a propolis sample collected in Yucatan, Mexico. Purification of the bioactive metabolites was carried out using argentation chromatography, while the combination of 1H nuclear magnetic resonance (NMR), laser desorption ionization (LDI), gas chromatography-mass spectrometry (GC-MS) and biosynthetic origin data allowed their identification as resorcinolic lipids. Finally, the resin of <i>Mangifera indica</i> was identified as the botanical source of these metabolites</p> |
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Liens

[1] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=31009>

[2] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=31010>

[3] <http://okina.univ-angers.fr/p.richomme/publications>

[4] <http://okina.univ-angers.fr/a.schinkov/publications>

- [5] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=31012>
- [6] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=17328>
- [7] <http://okina.univ-angers.fr/publications?f%5Bkeyword%5D=987>
- [8] <http://okina.univ-angers.fr/publications?f%5Bkeyword%5D=29567>
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- [10] <http://okina.univ-angers.fr/publications?f%5Bkeyword%5D=29568>
- [11] <http://okina.univ-angers.fr/publications?f%5Bkeyword%5D=5124>
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