

# Synthesis and Biological Evaluation of a “Natural” Insect Repellent

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(11Z)-11,19-Icosadienyl acetate (**1**) has been shown to be an efficient repellent against the ant *Myrmica rubra* whereas its corresponding (11E) stereoisomer **2** does not exhibit any repellent activity at all. Several synthetic strategies for these two compounds have been evaluated.

*Key words:* Insect Repellent, Long Chain Alkenes